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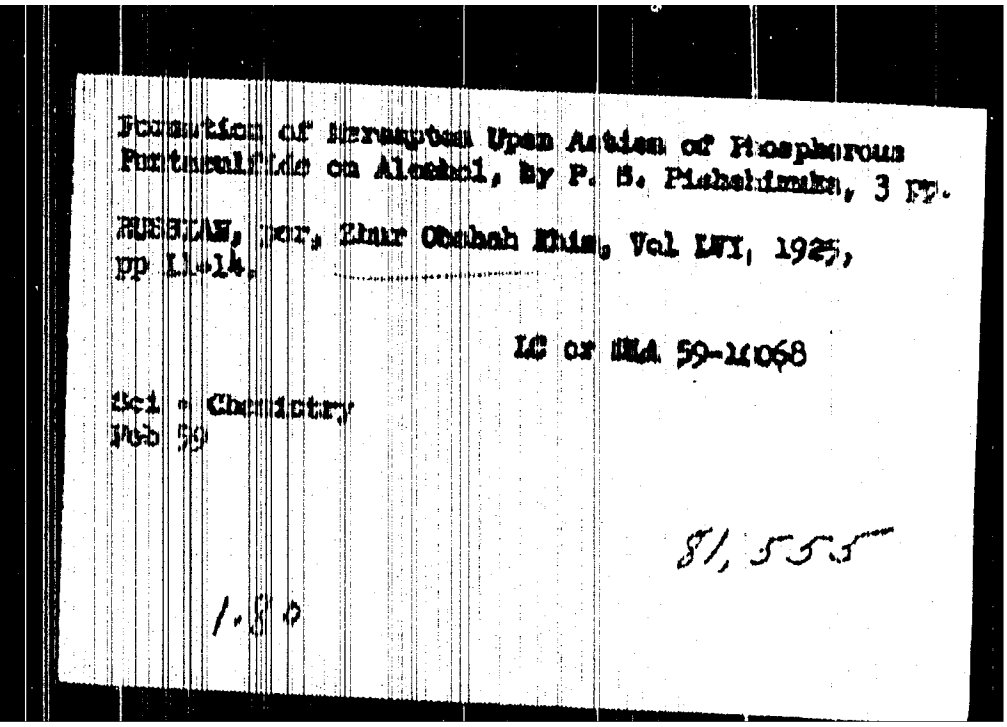

Formation of Interruption Upon Action of Phosphorous Pentasulfide on Alcohol, By P. S. Pishchimika, 3 pp.

RUSSIAN, Zhur Obshch Khim, Vol LVI, 1925, pp 11-14.

LC or DLA 59-11068

Tech - Chemistry
Feb 59

81, 555

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

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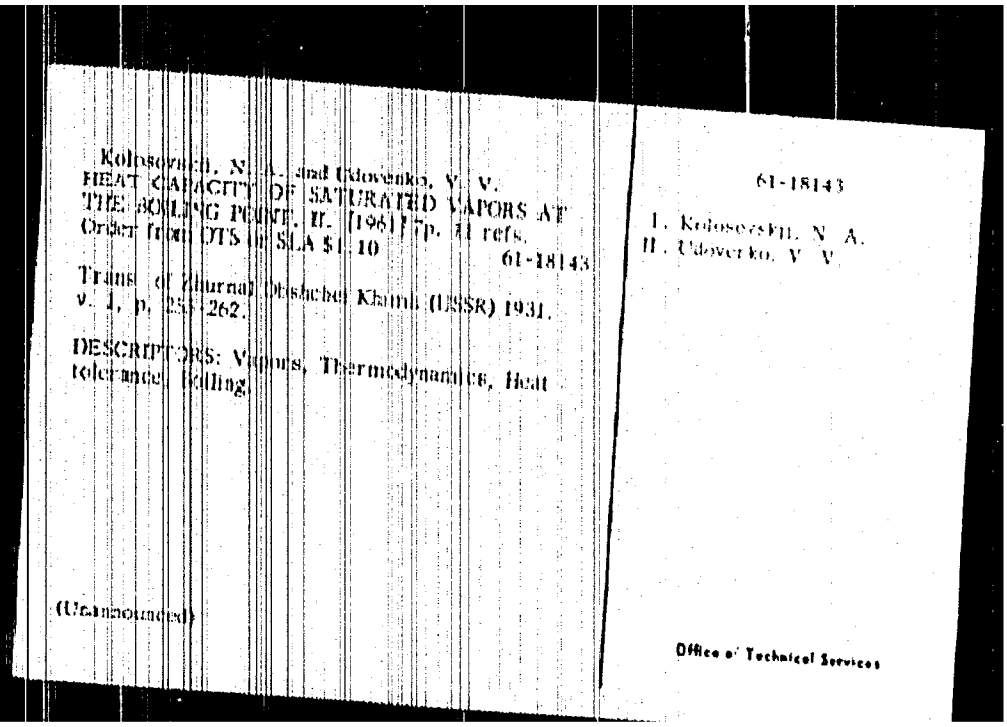

Kolosovich, N. A. and Udovenko, V. V.
HEAT CAPACITY OF SATURATED VAPORS AT THE BOILING POINT. II. [1961] 7p. 11 refs.
Order from OTS $1.10 61-18143

Trans. of Zhurnal Obshchei Khimii (USSR) 1931, v. 1, p. 253-262.

DESCRIPTORS: Vapors, Thermodynamics, Heat tolerance, Boiling.

(Unannounced)

61-18143

1. Kolosovich, N. A.
II. Udovenko, V. V.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

Decomposition of Ortho Esters of Monosilane on Heating Under Pressure and Splitting Out of the Free Silicon, by D. N. Dolgov, Yu. N. Vol'nov. RUSSIAN, per, Zhur Obshchei Khimii, Vol 1,I, No 2, 1931, pp 330-339.
SLA TT 60-30152

May 67 325,053

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

Arsinosulphides of the Aliphatic and Aromatic Series, by A. R. Kremov, A. J. Berlin.

RUSSIAN, per, Zhur Obshch Khim, Vol I, No 3/4, 1931, pp 411-.

DSIR LIU M.1860
(loan)

Sci - Chem

Oct 60

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

Chlorination of Milk of Lime of High Concentration for Production of Chlorates, 4 pp.

RUSSIAN, Zur, Tkan Obshchabei Khim, Vol VII, 1930, pp 2039-2042.

S.L.A. Tr No R-385

Sci - Chemistry - Inorganic
Apr 57

46, 8:75

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

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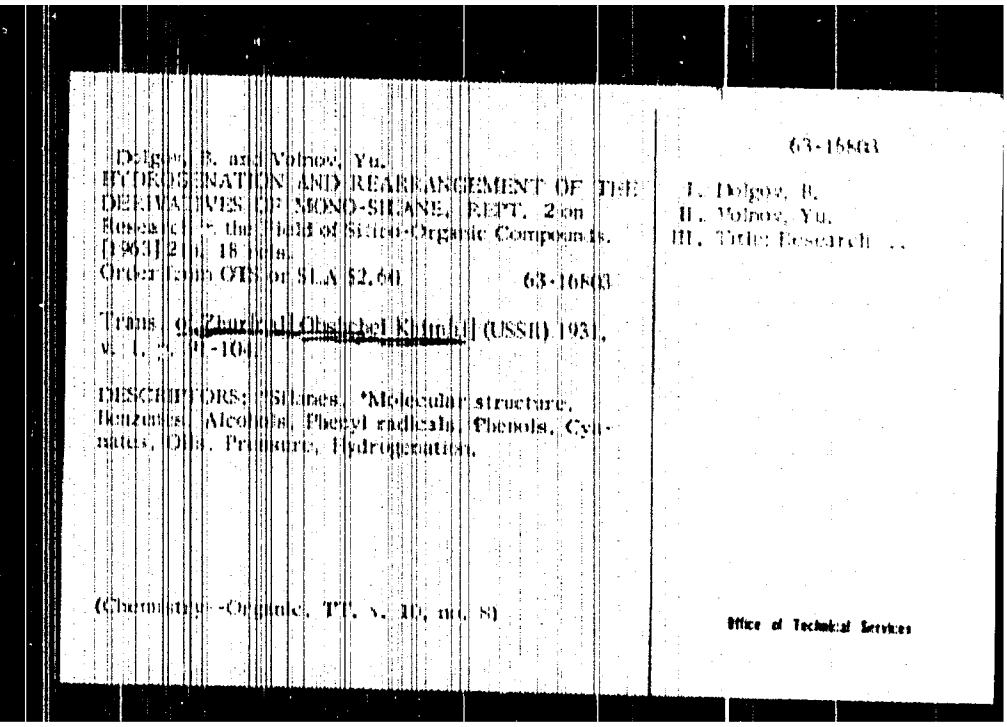

Dolgov, B. and Volnov, Yu.
HYDROGENATION AND REARRANGEMENT OF THE DERIVATIVES OF MONO-SILANE. REPT. 2 on Research in the Field of Silico-Organic Compounds. [1963] 21 p. 18 refs.
Order from OTS or SLA $2.60 63-16803

Trans. of Zhurn. of Obshchei Khimii (USSR) 1931, v. 1, p. 91-104

DESCRIPTORS: *Silanes, *Molecular structure, Benzenes, Alcohols, Phenyl radicals, Phenols, Cyanates, Oils, Pressure, Hydrogenation.

(Chemistry--Organic, TT, v. 10, no. 8)

63-16803

I. Dolgov, B.
II. Volnov, Yu.
III. Title: Research ..

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

Mercuro-Organic Derivatives of Benzoic Acid, by A. N. Nesmeianov, L. G. Makarova, 50 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol I, No 5, 1931, pp 598-615.

CIA/FDD/X-860

USSR

Scientific - Chemistry

2809

Jan 53 CDS

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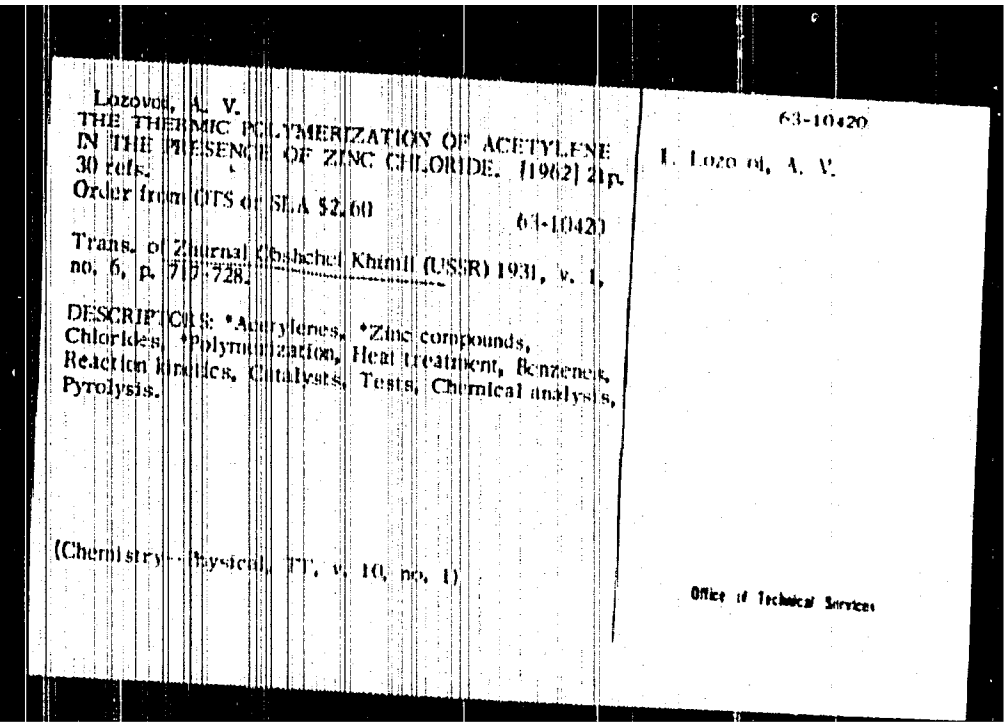

Lozovoi, A. V.
THE THERMIC POLYMERIZATION OF ACETYLENE IN THE PRESENCE OF ZINC CHLORIDE. [1962] 21p. 30 refs.
Order from OTS or SLA $2.60 63-10420

Trans. of Zhurnal Obshchei Khimii (USSR) 1931, v. 1, no. 6, p. 719-728.

DESCRIPTORS: *Acetylenes, *Zinc compounds, Chlorides, *Polymerization, Heat treatment, Benzenes, Reaction kinetics, Catalysts, Tests, Chemical analysis, Pyrolysis.

(Chemistry--Physical, TT, v. 10, no. 1)

63-10420
L. Lozovoi, A. V.

Office of Technical Services

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

Diffusion of Gases Under Pressure, by V. V. Lyat'ev, V. I. Tikhomirov, 12 pp.

RUSSIAN, per, Zhur Obshchei Khim, Vol I, 1931, pp 736-739.

AEC Tr-4307

Sci - Chem
21 Feb 61

140 351

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

Excerpt from Methanol Catalyzers, by V. A.Plotnikov, K. M. Ivanov, 2 pp.

RUSSIAN, Obshchaei Khim, Vol I, 1931, pp 826-844.

SIA/R-2628

Sci
Apr 59

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

The Question of Allotropy of Phosphorus, II. The Rate of Conversion of White Phosphorus into Red Phosphorus, by A. A. Vvedenskiy, A. V. Frost, 15 pp.

RUSSIA, Per. Zhur Obshch Khim, Vol I, 1931, pp 917-925

SLA R-2817

Sci

Jul 59

13

92, 358

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

The Oxidation of Phosphorous Acid by Water in the Presence of Colloidal Metals, by A. A. Vvedenskiy, A. V. Frost, 7 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol I, 1931, pp 1103-1113.

SLA/S-2507

Sci
Apr 59

84, 439

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

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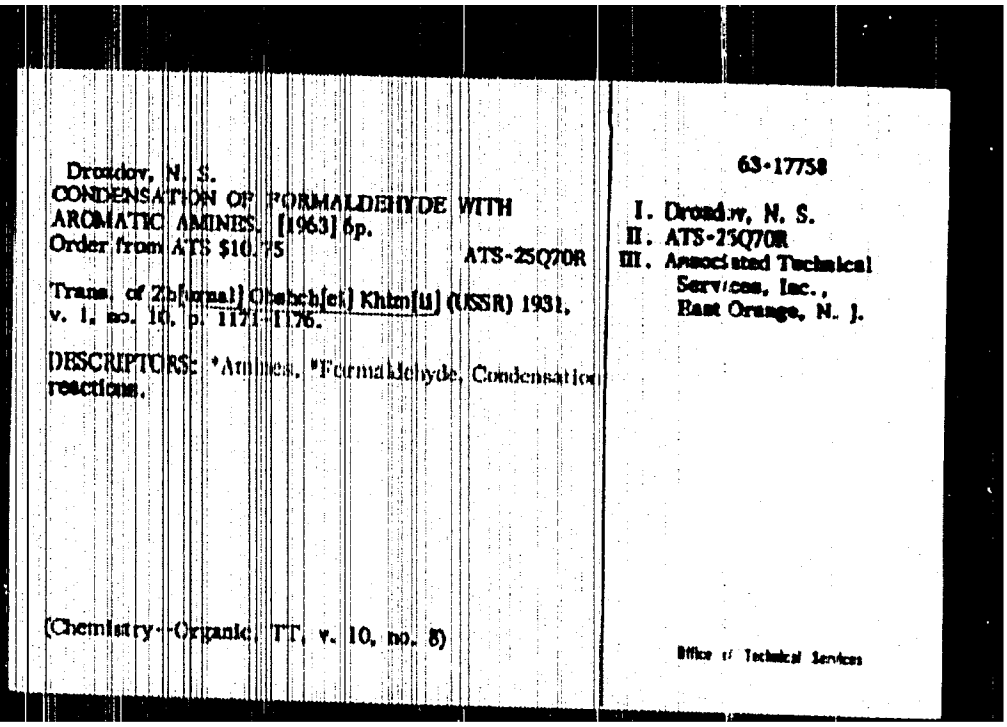

Drozdov, N. S.
CONDENSATION OF FORMALDEHYDE WITH AROMATIC AMINES. [1963] 6p.
Order from ATS $10.75 ATS-25Q70R

Trans. of Zh[urnal] Obshch[ei] Khim[ii] (USSR) 1931, v. 1, no. 10, p. 1171-1176.

DESCRIPTORS: *Amines, *Formaldehyde, Condensation reactions.

(Chemistry--Organic, TT, v. 10, no. 8)

63-17758

I. Drozdov, N. S.
II. ATS-25Q70R
III. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

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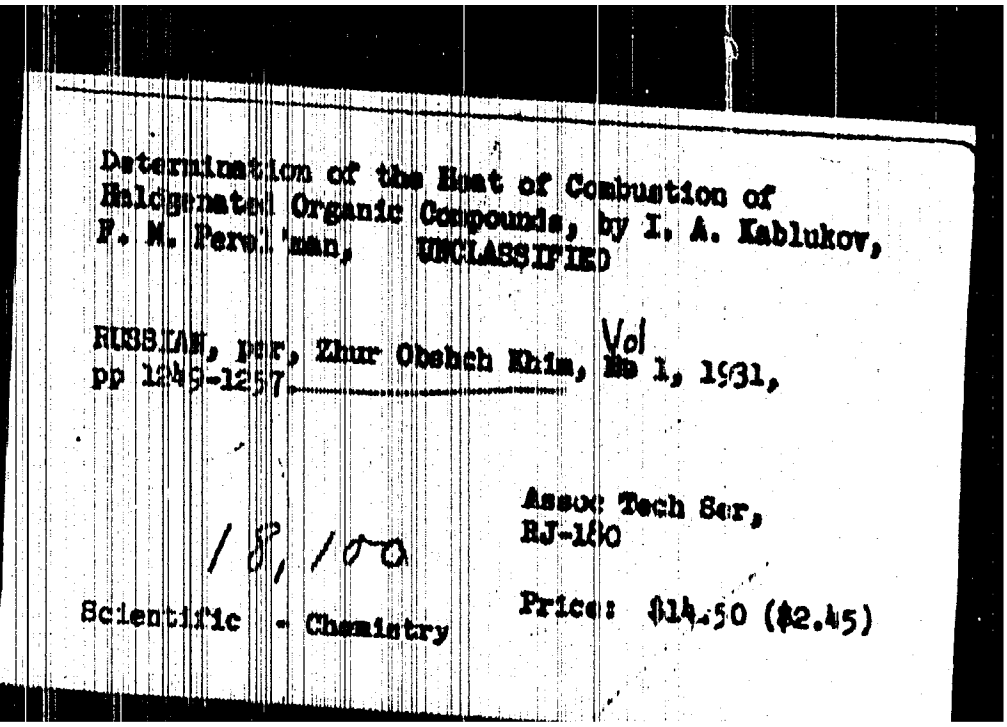

Determination of the Heat of Combustion of Halogenated Organic Compounds, by I. A. Kablukov, P. M. Perv'man, UNCLASSIFIED

RUSSIAN, per, Zhur Obshch Khim, Vol No 1, 1931, pp 1249-1257

Assoc: Tech Ser, RJ-180

Price: $14.50 ($2.45)

Scientific - Chemistry

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

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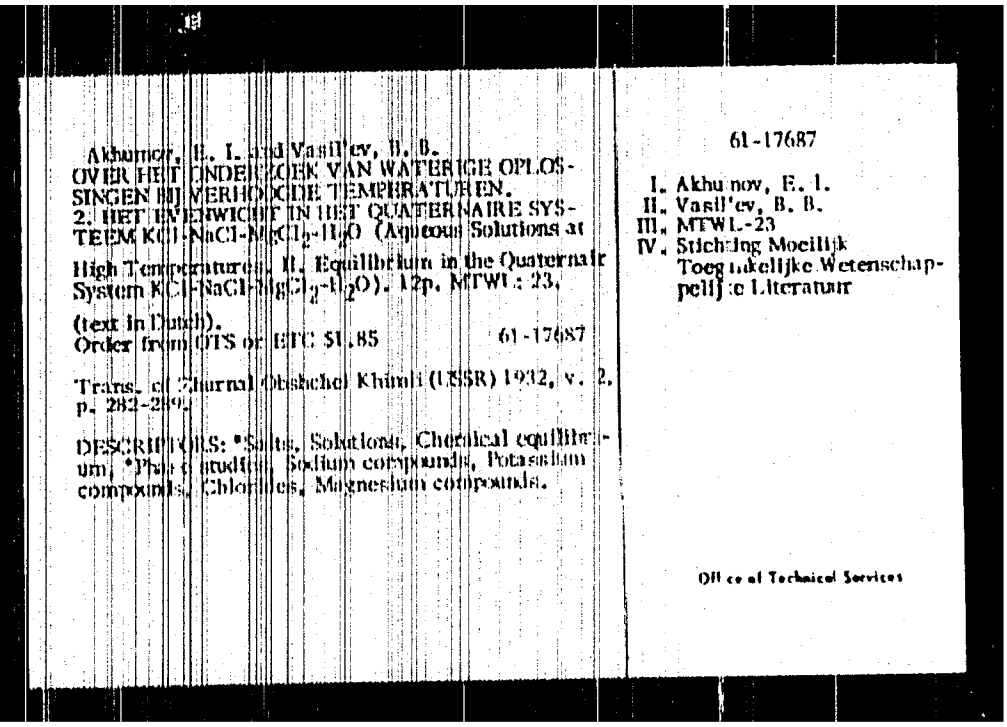

Akhumov, E. I. and Vasil'ev, B. B.
OVER HET ONDERZOEK VAN WATERIGE OPLOSSINGEN BIJ VERHOOGDE TEMPERATUREN.
2. HET EVENWICHT IN HET QUATERNAIRE SYSTEEM KCl-NaCl-$MgCl_2$-H_2O (Aqueous Solutions at High Temperatures. II. Equilibrium in the Quaternair System KCl-NaCl-$MgCl_2$-H_2O). 12p. MTWL: 23.

(text in Dutch).
Order from OTS or ITC $1.85 61-17687

Trans. of Zhurnal Obshchei Khimii (USSR) 1932, v. 2, p. 282-289.

DESCRIPTORS: *Salts, Solutions, Chemical equilibrium; *Phase studies, Sodium compounds, Potassium compounds, Chlorides, Magnesium compounds.

61-17687

I. Akhumov, E. I.
II. Vasil'ev, B. B.
III. MTWL-23
IV. Stichting Moeilijk Toegankelijke Wetenschappelijke Literatuur

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

Esters of Pyrophosphorous, Hypophosphoric, and Pyrophosphoric Acids. III. Diethyl Phosphorous acid Chloride and Preparation of the Ethyl Ester of Pyrophosphorous Acid Therefrom, by A. E. Arbuzov, B. A. Arbuzov, 6 pp.

RUSSIAN, per, Zhurnal Obshchei Khimii, Vol II, No 4, 5, 1932, pp 371-375.

Sci Tr Center RT 3595
96/146

Chemistry

Jun 56 CTS

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

Oxidation of Phosphine with Oxygen and Air in the Presence of Hydrogen, by I. N. Ushmakin, A. A. Vvedenskiy and A. V. Frost, 7 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol II, 1932 pp 415-420.

SLA R-2287

Sc1

Aug 58

72, 120

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

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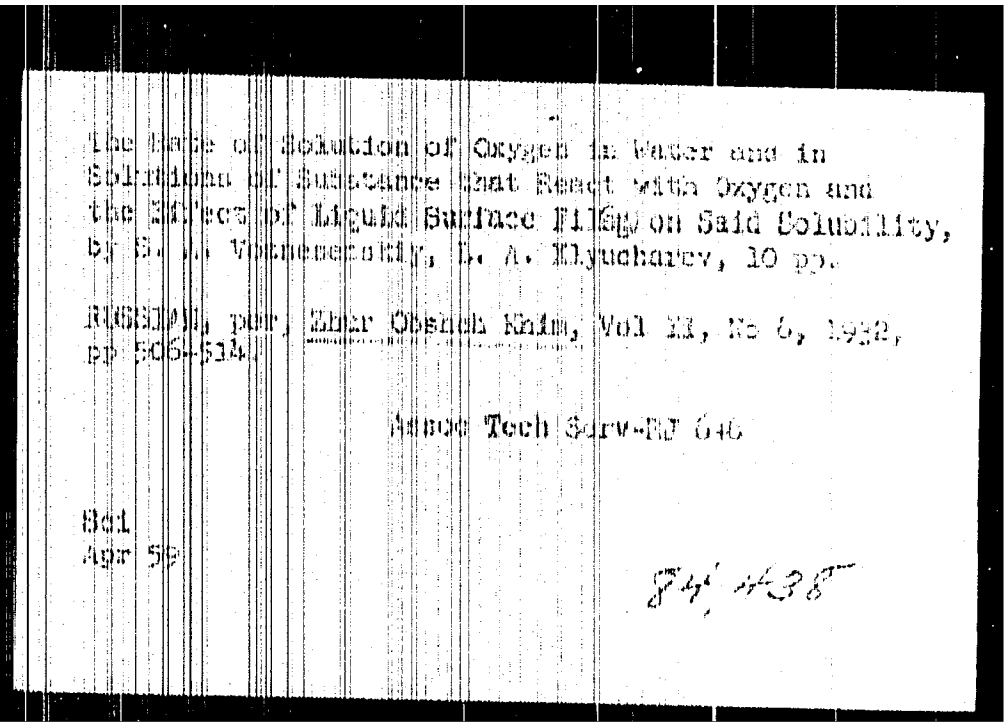

The Rate of Solution of Oxygen in Water and in Solutions of Substance that React with Oxygen and the Effect of Liquid Surface Film on Said Solubility, by S. A. Vozzhennikov, K. A. Klyucharev, 10 pp.

Rzhurnal, fiz. Zhur Obshch Khim, Vol II, No 6, 1932, pp 506-514.

Armed Tech Serv-RJ 646

Bel
Apr 59

TP 439

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

Preparation of Pharmaphonium Compounds With an Asymmetric Phosphorus Atom, by Gil'a Kamai.

RUSSIAN, pub. Zhur Obsh Khim, Vol II, No 6, 1932, pp 520-528.

NL, NRS 2216 (Russ.)

Sci - Chem
Feb 64

248.107

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

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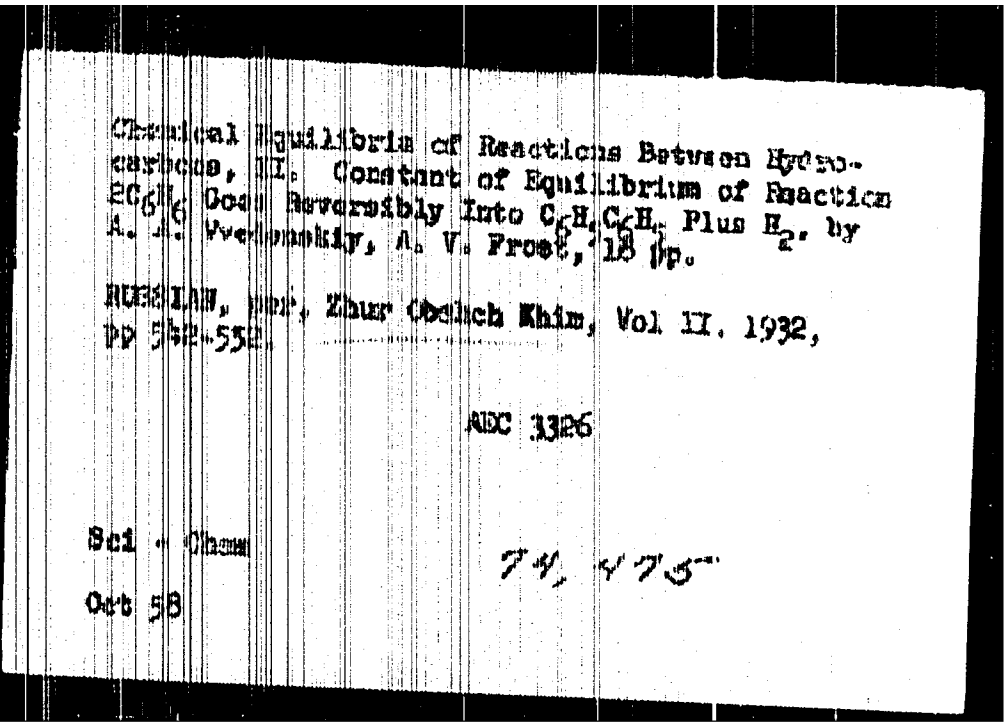


Chemical Equilibria of Reactions Between Hydrocarbons, II. Constant of Equilibrium of Reaction $2C_6H_6$ Goes Reversibly Into $C_6H_5C_6H_5$ Plus H_2. by A. A. Yvelinskiy, A. V. Frost, 18 pp.

RUSSIAN, pub. Zhur Obshch Khim, Vol II, 1932, pp 543-552.

ADC 1326

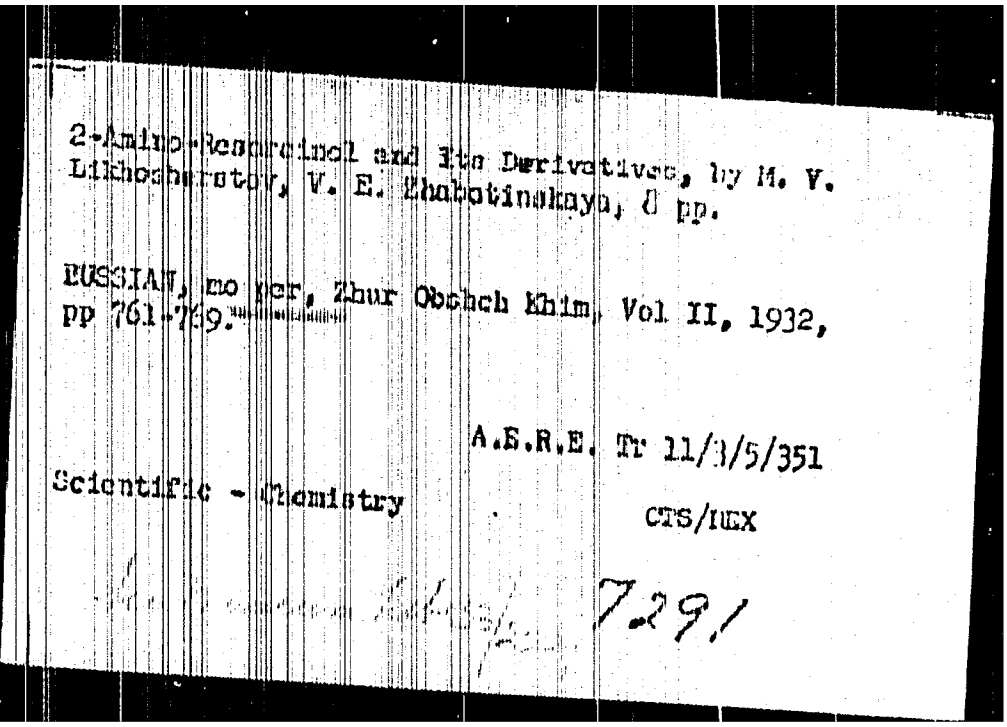
Sci - Chem

74, 775

Oct 58

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5



2-Amino-benzaldol and Its Derivatives, by M. V. Litkoshurotov, V. E. Zhubovinskaya, 8 pp.

RUSSIAN, mo yer. Zhur Obshch Khim, Vol II, 1932, pp 761-769.

A.E.R.E. Tr 11/3/5/351

Scientific - Chemistry

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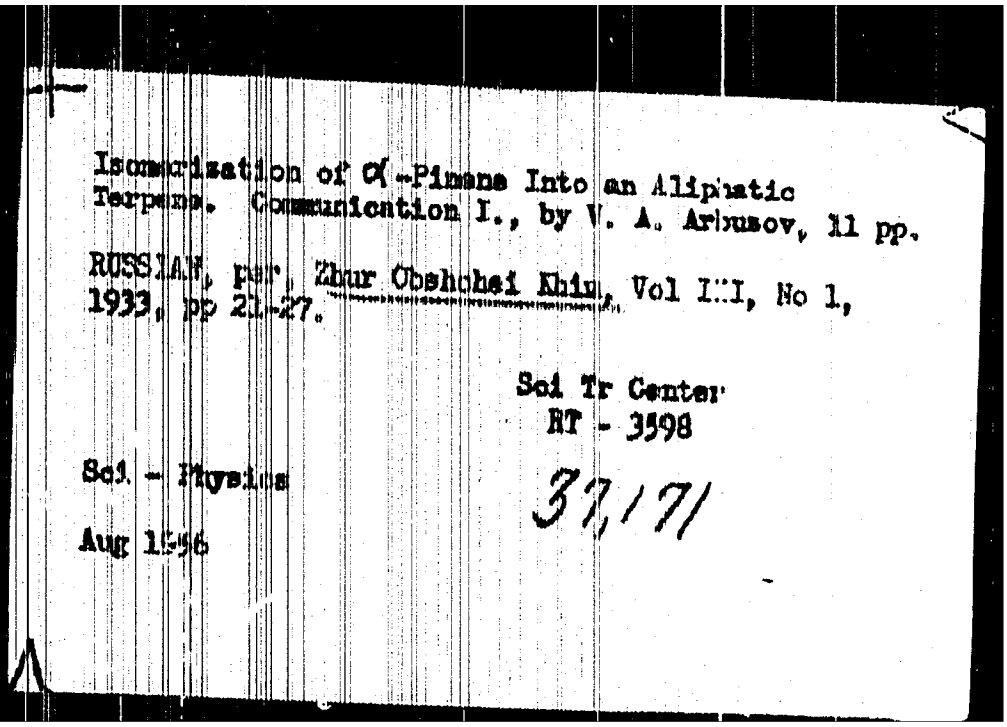

Isomerization of α-Pinene Into an Aliphatic Terpene. Communication I., by V. A. Arbuzov, 11 pp.

RUSSIAN, per. Zhur Obshchei Khim, Vol III, No 1, 1933, pp 21-27.

Sci Tr Center
RT - 3598

Sci. - Physics

Aug 1956

37171

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

Electrochemical Reduction of Pyridine, by
N. S. Ivanov, 11 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, #1.9633,
pp 351-359. No. 3

AEC-tr-6097

Sci. Chem.
Jan 64

248, 359

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

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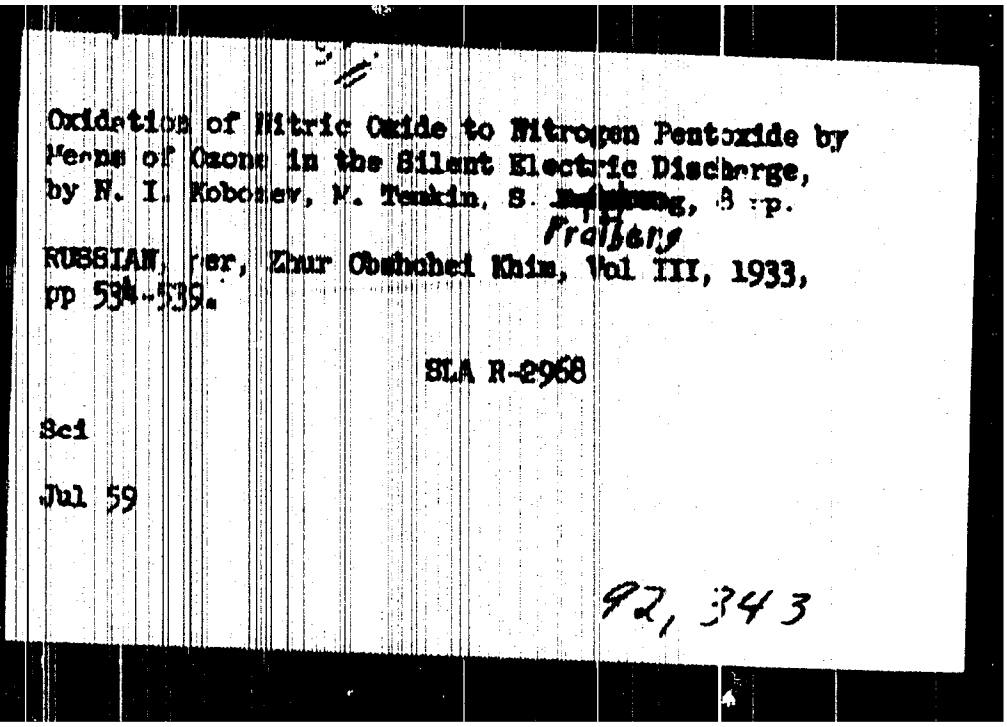

Oxidation of Nitric Oxide to Nitrogen Pentoxide by Means of Ozone in the Silent Electric Discharge, by N. I. Kobozev, M. Tenkin, S. [illegible], 8 pp.

RUSSIAN, per, Zhur Obshchei Khim, Vol III, 1933, pp 534-539.

SLA R-2968

Sci

Jul 59

92, 343

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

On the Question of the Anodic Passivity of Lead, by P. P. Porfirov, 9 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol III, No 5, 1933, pp 590-595.

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USSR
Scientific - Chemistry

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Korotkov, P. M. and Sokolov, N. K.
CONDUCTIVITY OF POTASSIUM AND SODIUM HYDROXIDE SOLUTIONS AT ELEVATED TEMPERATURES. [1964] 11p (tables figs omitted)
Order from OTS, SLA, or ETC $1.60 TT-64-10763

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1933, v. 3, p. 670-678.

(Chemistry--Physical, TT, v. 11, no. 12)

TT-64-10763

I. Korotkov, P. M.
II. Sokolov, N. K.

Office of Technical Services

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Lebedev, S. V.
PREPARATION OF BUTADIENE DIRECTLY FROM ALCOHOL. [1961] (5). 29 refs.
Order from OTS or SLA $2.60 61-18060

Trans. of Zhurnal Obshchei Khimii (USSR) 1933, v. 3, p. 698-717.

DESCRIPTORS: Butadienes, Synthesis, Alcohols.

(Unannounced)

61-18060

1. Lebedev, S. V.

Office of Technical Services

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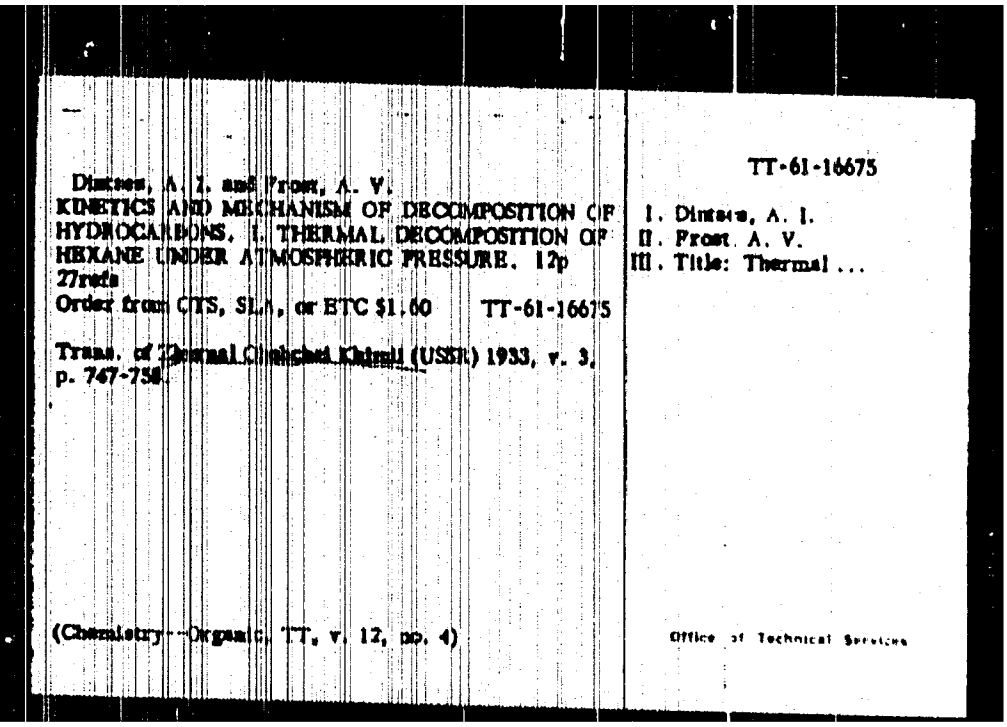

Dintses, A. I. and Frost, A. V.
KINETICS AND MECHANISM OF DECOMPOSITION OF HYDROCARBONS. I. THERMAL DECOMPOSITION OF HEXANE UNDER ATMOSPHERIC PRESSURE. 12p 27refs
Order from: CTS, SLA, or ETC $1.60 TT-61-16675

Trans. of Zhurnal Obshchei Khimii (USSR) 1933, v. 3, p. 747-758.

(Chemistry--Organic, TT, v. 12, no. 4)

TT-61-16675

I. Dintses, A. I.
II. Frost, A. V.
III. Title: Thermal ...

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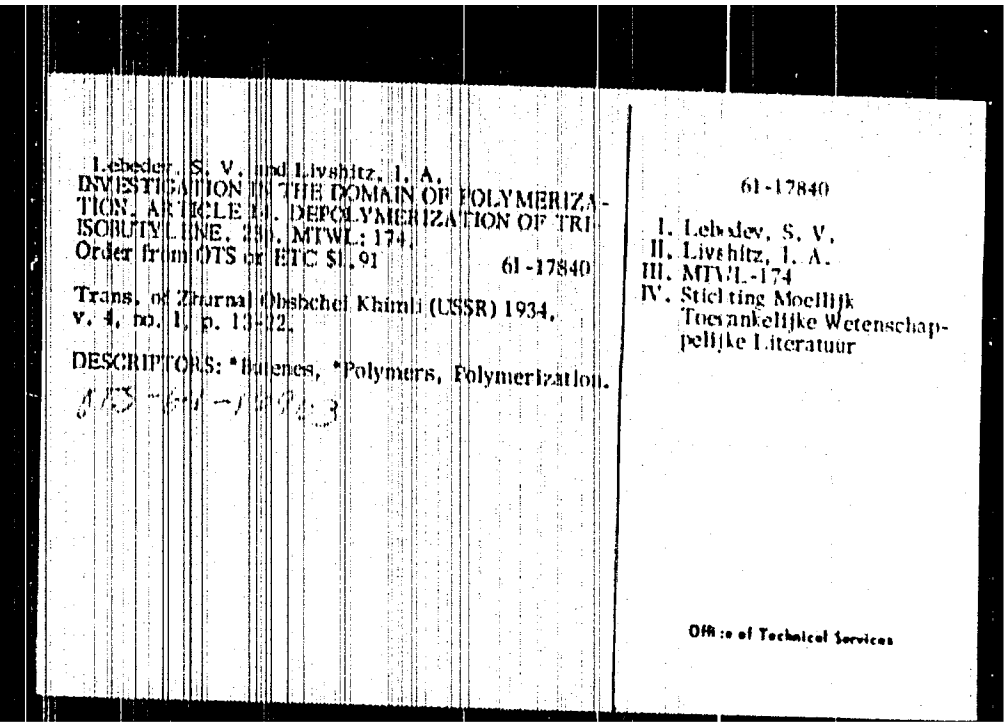
APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5



Lebedev, S. V., and Livshitz, I. A.
INVESTIGATION IN THE DOMAIN OF POLYMERIZATION. ARTICLE IV. DEPOLYMERIZATION OF TRIISOBUTYLENE. 230. MTWL: 174.
Order from OTS or ETC $1.91 61-17840

Trans. of Zhurnal Obshchei Khimii (USSR) 1934, v. 4, no. 1, p. 13-22.

DESCRIPTORS: *Butenes, *Polymers, Polymerization.

61-17840

I. Lebedev, S. V.
II. Livshitz, I. A.
III. MTWL-174
IV. Stichting Mocllijk Toevankelijke Wetenschappelijke Literatuur

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

Lebedev, S. V. and Slobodin, Ya. M.
ISOMERIZATION OF HYDROCARBONS OF THE DIALLYL SERIES BY SILICATES. [1961] 7p 18refs
Order from OTS, SLA, or ETC $1.10 TT-61-16615

Trans. of Zhurnal Obshchei Khimii (USSR) 1934, v. 4 [no.] p. 23-30.
Another trans. is available from SLA as SLA-R-3964, 8p.

DESCRIPTORS: *Dienes, Molecular isomerism, *Butanes, Bromination, Grignard reactions, *Butenes, *Butadienes, Synthesis (Chemistry), Polymerization, *Silicates, Allyl radicals.

(Chemistry--Organic, TT, v. 11, no. 3)

TT-61-16615

I. Lebedev, S. V.
II. Slobodin, Ya. M.
III. SLA-R-3964

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Solubility of Hydrogen in Water Under Pressure at High Temperatures, by W. Ipatev, E Jr, V. P. Teodorovich, 7 pp.

RUSSIAN, Zhur Obshch Khim, Vol IV, No 3, 1934, pp 395-399.

CIA/FDD/X-1292

Scientific - Chemistry
CRB/DEK

11,120

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

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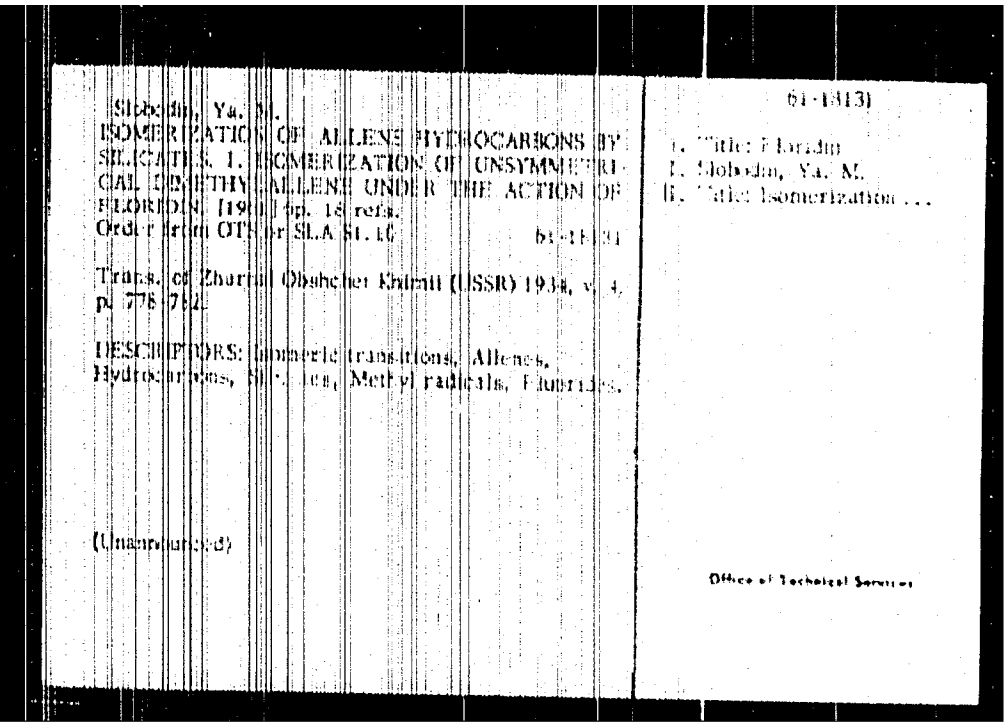

Slobodin, Ya. M.
ISOMERIZATION OF ALLENE HYDROCARBONS BY SILICATES. I. ISOMERIZATION OF UNSYMMETRICAL DIMETHYLALLENE UNDER THE ACTION OF FLORIDIN. [1938] 6p. 18 refs.
Order from OTS or SLA $1.10 61-11131

Trans. of Zhurnal Obshchei Khimii (USSR) 1938, v. 4, p. 776-782.

DESCRIPTORS: Isomeric transitions, Allenes, Hydrocarbons, Silicates, Methyl radicals, Florids.

(Unannounced)

61-1313)

1. Title: Florid
I. Slobodin, Ya. M.
II. Title: Isomerization ...

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

Thermal Decomposition of Cyclohexanes, bt N. D. Zelinskiy, B. M. Mikhailov, et al. 9 pp. RUSSIAN, per, Zhurnal Obshchei Khimii, Vol 4, 1934, pp 856-865. OTS-FT-61-16969 SLA

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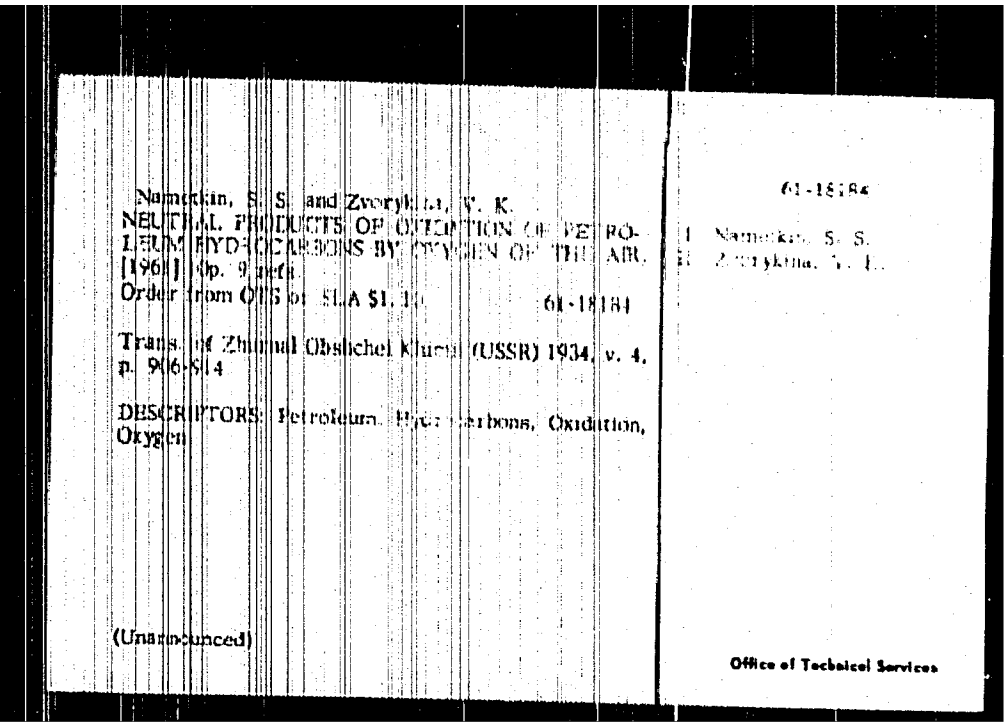
APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5



Nametkin, S. S. and Zvorykina, V. K.
NEUTRAL PRODUCTS OF OXIDATION OF PETROLEUM HYDROCARBONS BY OXYGEN OF THE AIR.
[1961] 9p. refs.
Order from OTS for SLA $1.10 61-18184

Trans. of Zhurnal Obshchei Khimii (USSR) 1934, v. 4, p. 906-914

DESCRIPTORS: Petroleum, Hydrocarbons, Oxidation, Oxygen

(Unannounced)

61-18184

1 Nametkin, S. S.
2 Zvorykina, V. K.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

Drozdov, N. S. and Chernunov, O. M.
THE REACTION OF SOME SECONDARY AMINES WITH EPICHLOROHYDRIN. [1963] 10p, 19 refs,
Order from OTS or SLA $1.10 63-14558

Trans. of [Zhurnal Obshchei Khimii] (USSR) 1934, v. 4, no. 7, p. 969-974.

DESCRIPTORS: Chemical reactions, *Amines, *Halohydrins, *Chlorides, Ethyl radicals, Methyl radicals, Piperidines, Propanols, Ammonia, Polymerization.

At the condensation of diethyl- and dimethylamine and piperidine with epichlorohydrin one obtains the corresponding chloropropanol together with a small amount of products which contain the chlorine ion. These latter ones continue to be formed if the reaction mass is allowed to stand for a longer period of time. Under
(Chemistry--Organic, TT, v. 10, no. 4) (over)

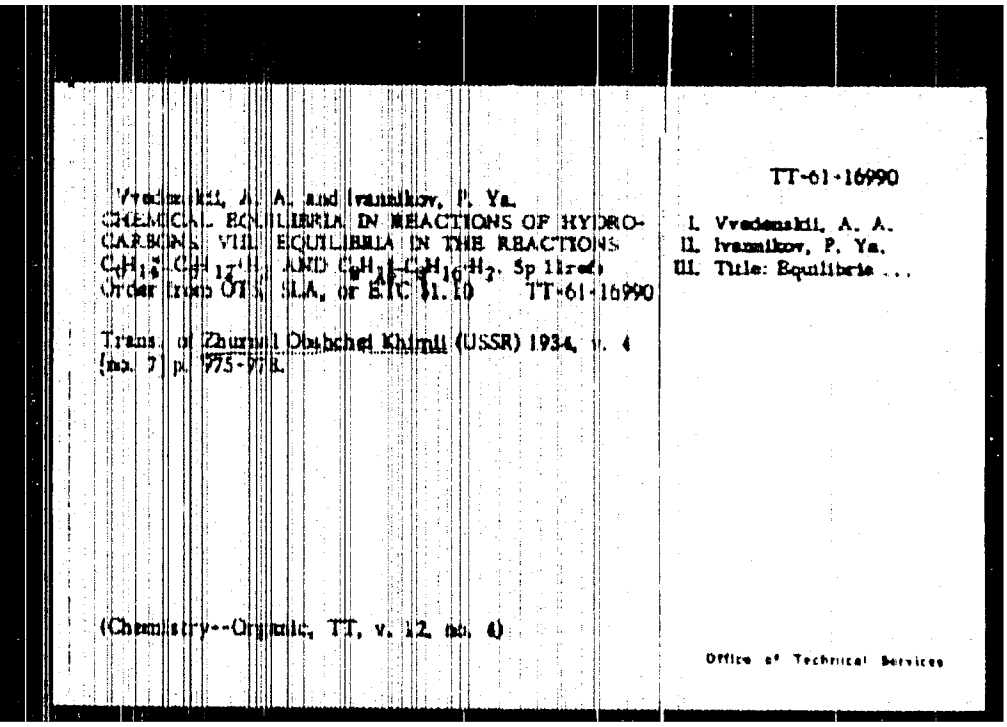
63-14558

I. Drozdov, N. S.
II. Chernunov, O. M.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5



Vvedenskii, A. A. and Ivanikov, P. Ya.
CHEMICAL EQUILIBRIA IN REACTIONS OF HYDROCARBONS. VIII. EQUILIBRIA IN THE REACTIONS $C_6H_{16} \rightleftarrows C_6H_{12} + H_2$ AND $C_6H_{14} \rightleftarrows C_6H_{10} + 2H_2$. 5p illrefs
Order from OTS, USDA, or ETC $1.10 TT-61-16990

Trans. of Zhurnal Obshchei Khimii (USSR) 1934, v. 4 [no. 7] pp. 975-978.

(Chemistry--Organic, TT, v. 12, no. 4)

TT-61-16990

I. Vvedenskii, A. A.
II. Ivanikov, P. Ya.
III. Title: Equilibria ...

Office of Technical Services

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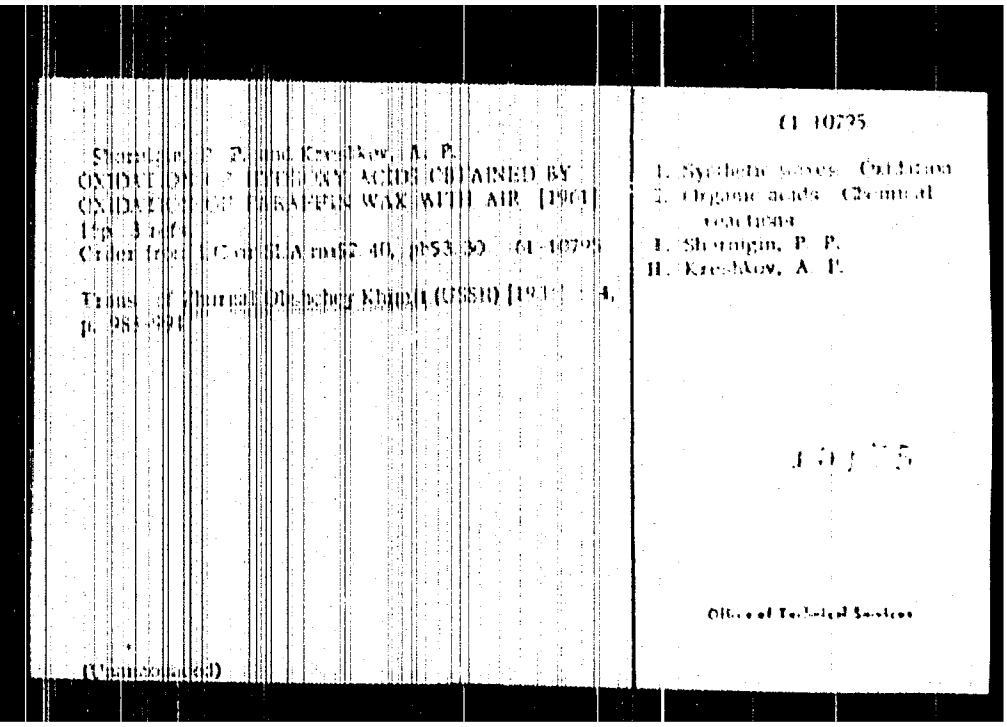

Shtrygin, P. P. and Kazakov, A. P.
OXIDATION OF [illegible] WAX ACIDS OBTAINED BY OXIDATION OF PARAFFIN WAX WITH AIR. [1961]
15p. 3 refs.
Order from: [illegible]

Trans. of Journal: Obshchey Khimii (USSR) [1961] [illegible] 4, p. 985-990

(Unclassified)

61-10775

1. Synthetic waxes - Oxidation
2. Organic acids - Chemical reactions
I. Shtrygin, P. P.
II. Kazakov, A. P.

61-10775

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

Kolosovskii, N. A., and Udovenko, V. V.
HEAT CAPACITY OF LIQUIDS, II. [1961] 6p
Order from: OTS, U.S.A. or ETC $1.10 TT-61-16817

Trans. of Zhurnal Obshchei Khimii (USSR)
1934, v. 4, p. 1027-1033.

DESCRIPTORS: Thermochemistry, Liquids, Hydrocarbons, Halogen compounds, Oxygen compounds, Nitrogen compounds, Equations.

(Chemistry--Physical, TT, v. 11, no. 3)

TT-61-16817

I. Kolosovskii, N. A.
II. Udovenko, V. V.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

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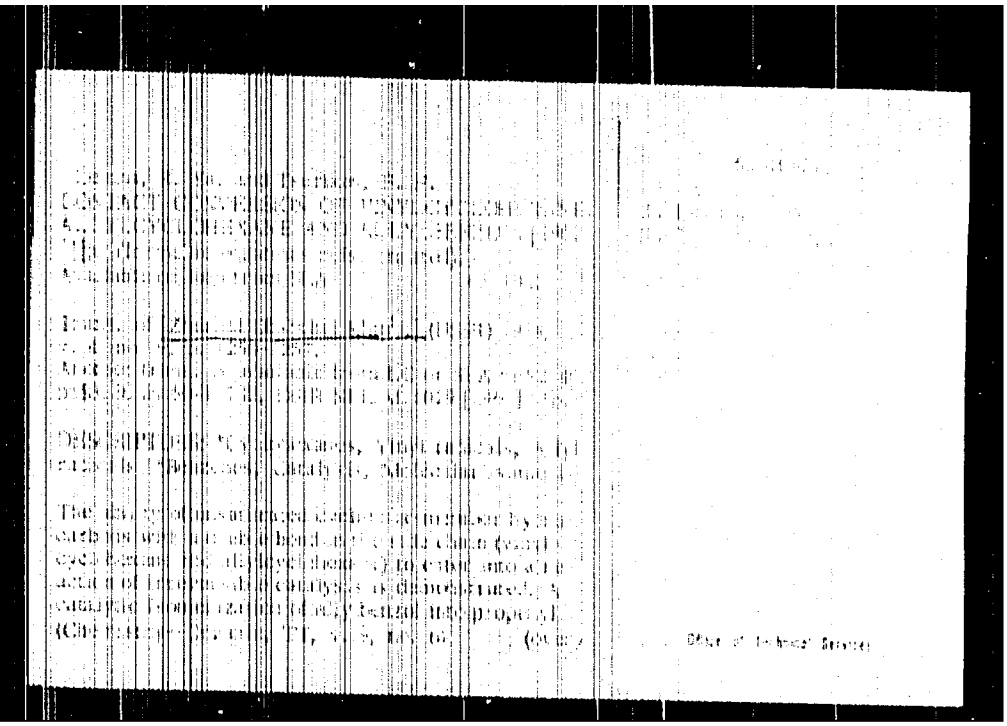

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

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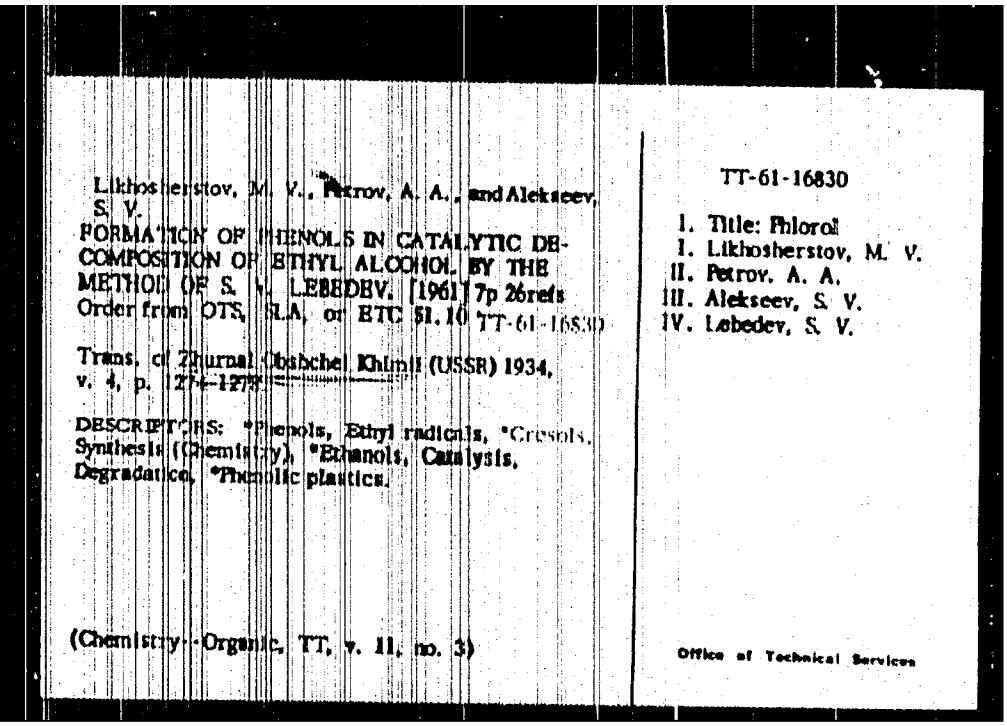

Likhosherstov, M. V., Petrov, A. A., and Alekseev, S. V.
FORMATION OF PHENOLS IN CATALYTIC DECOMPOSITION OF ETHYL ALCOHOL BY THE METHOD OF S. V. LEBEDEV. [1961] 7p 26refs
Order from OTS, SLA, or ETC $1.10 TT-61-16830

Trans. of Zhurnal Obshchei Khimii (USSR) 1934, v. 4, p. 274-279

DESCRIPTORS: *Phenols, Ethyl radicals, *Cresols, Synthesis (Chemistry), *Ethanols, Catalysis, Degradation, *Phenolic plastics.

(Chemistry--Organic, TT, v. 11, no. 3)

TT-61-16830

1. Title: Phlorol
I. Likhosherstov, M. V.
II. Petrov, A. A.
III. Alekseev, S. V.
IV. Lebedev, S. V.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

62-20150

Kazaryan, L.
A NEW WAY OF BEING CALCIUM CARBIDE
(PRELIMINARY REPORT). 6 Dec 51, 10p. 6 refs.
Order from: OTS or SLA $1.10 62-20150

Trans. of Zhurnal Obshchei Khimii (USSR) 1934, v. 4, no. 10, p. 1347-1352.

DESCRIPTORS: *Calcium compounds, *Carbides, Acetylenes, Alcohols, Chemical reactions.

(Chemistry--Organic, TT, v. 10, no. 2)

L. Kazaryan, L.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

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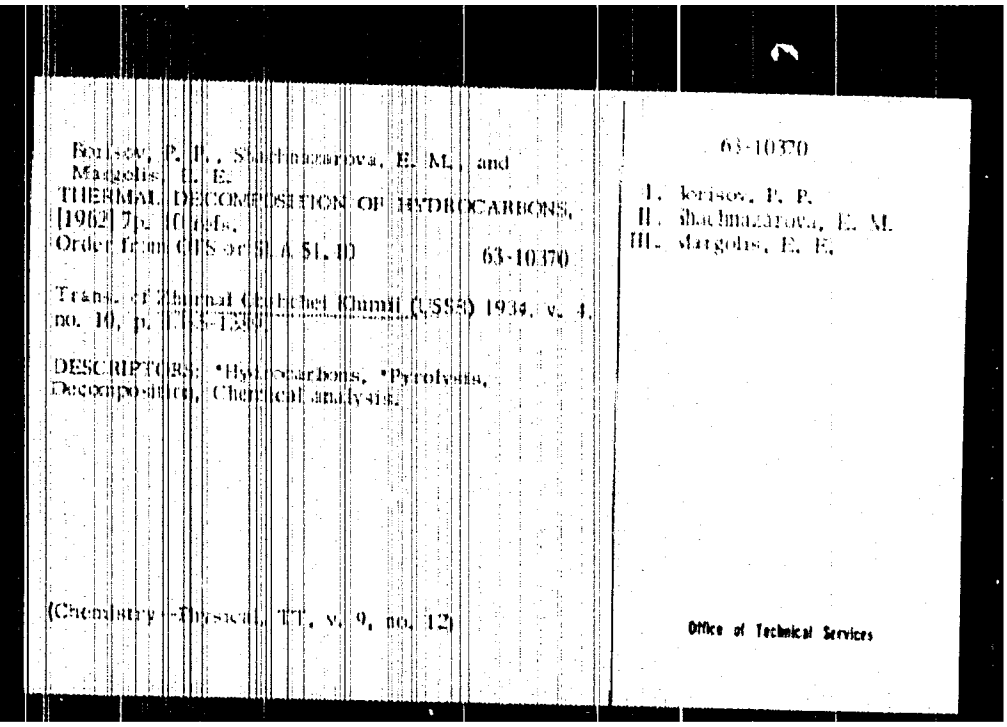


Borisov, P. P., Shakhmanova, E. M., and Margolis, E. E.
THERMAL DECOMPOSITION OF HYDROCARBONS.
[1962] 7p. (typescript)
Order from OTS or S. A. $1.10 63-10370

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1934, v. 4, no. 10, p. [illegible]

DESCRIPTORS: *Hydrocarbons, *Pyrolysis, Decomposition, Chemical analysis.

(Chemistry-Physical, TT, v. 9, no. 12)

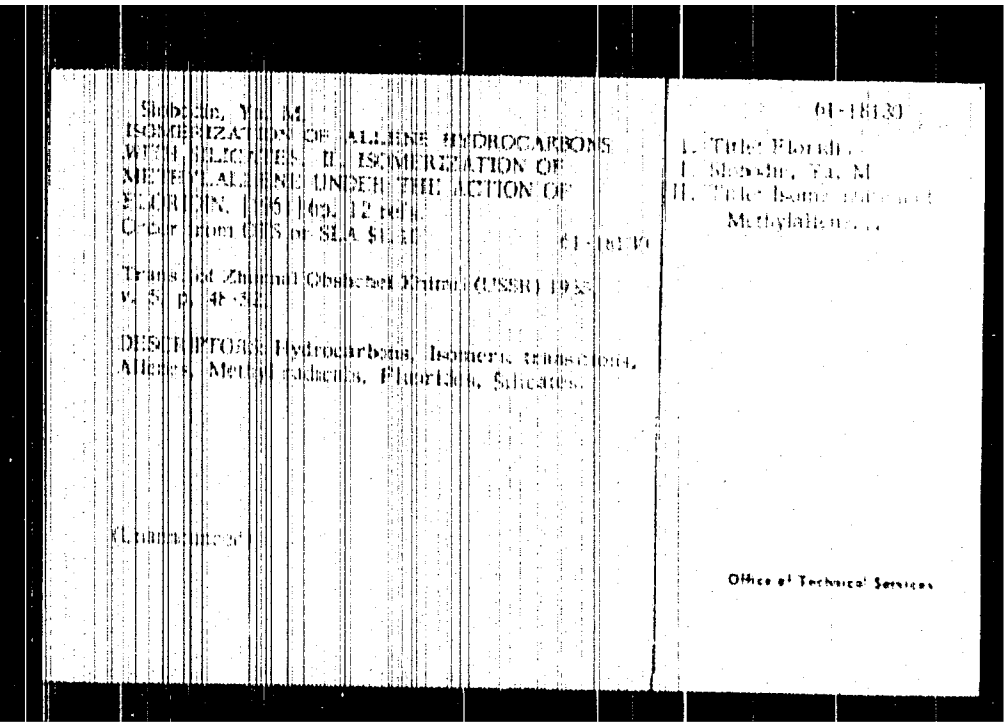
63-10370

I. Borisov, P. P.
II. Shakhmanova, E. M.
III. Margolis, E. E.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5



Shibaeva, Yu. M.
ISOMERIZATION OF ALLENE HYDROCARBONS WITH HALIDES. II. ISOMERIZATION OF METHYLALLENE UNDER THE ACTION OF [illegible]
Order from OTS or SLA $1.[illegible]

Trans. of Zhurnal Obshchei Khimii (USSR) 1935, v. 5, p. 48-52

DESCRIPTORS: Hydrocarbons, Isomers, Conversion, Allenes, Methylallenes, Fluorides, Silicates.

(Unannotated)

61-18130

I. Title: Florid...
I. Shibaeva, Yu. M
II. Title: Isomerization of Methylallene...

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

Tsukervanik, I.
CONDENSATION OF ALCOHOLS WITH AROMATIC HYDROCARBONS IN THE PRESENCE OF ANHYDROUS ALUMINUM CHLORIDE. I. CONDENSATION OF TERTIARY ALIPHATIC ALCOHOLS WITH BENZENE AND TOLUENE. [1961] 4p. 19 refs.
Order from OTS or SLA $1.10 61-18116

Trans. of Zhurnal Obshchei Khimii (USSR) 1935, v. 5, p. 117-120.

DESCRIPTORS: Alcohols, Hydrocarbons, Benzenes, Toluenes, Aluminum compounds, Chlorides, Condensation reactions.

(Unannounced)

61-18116

I. Tsukervanik, I.
II. Title: Condensation of Tertiary...

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

Investigation of the Function of Catalytic Factors on Thermal Cracking of Methane, by N. I. Kobozev, XXXXX I. I. Knshtanov, S. M. Kobrin, 13 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol V, 1935, pp 143-148.

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

A Study of Chain Processes in the Reaction between Sulfur Dioxide and Ozone. I. Stoichiometry in the Oxidation of Sulfur Dioxide with Ozone in Aqueous Solution, by S. S. Vasil'ev, M.V. Prolov, L. L. Kushtanov, Z. L. Kaverzneva, 7 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol V, 1935, pp 143-150.

SLA/R-2539

Sci
Apr 59

84,436

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

Equilibrium in the System Sodium Oxide-Hydrofluoric Acid-Water, by N. D. Nagorskaya and A. V. Novoselova, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol V, 1935, pp 182-184.

SLA R-2265

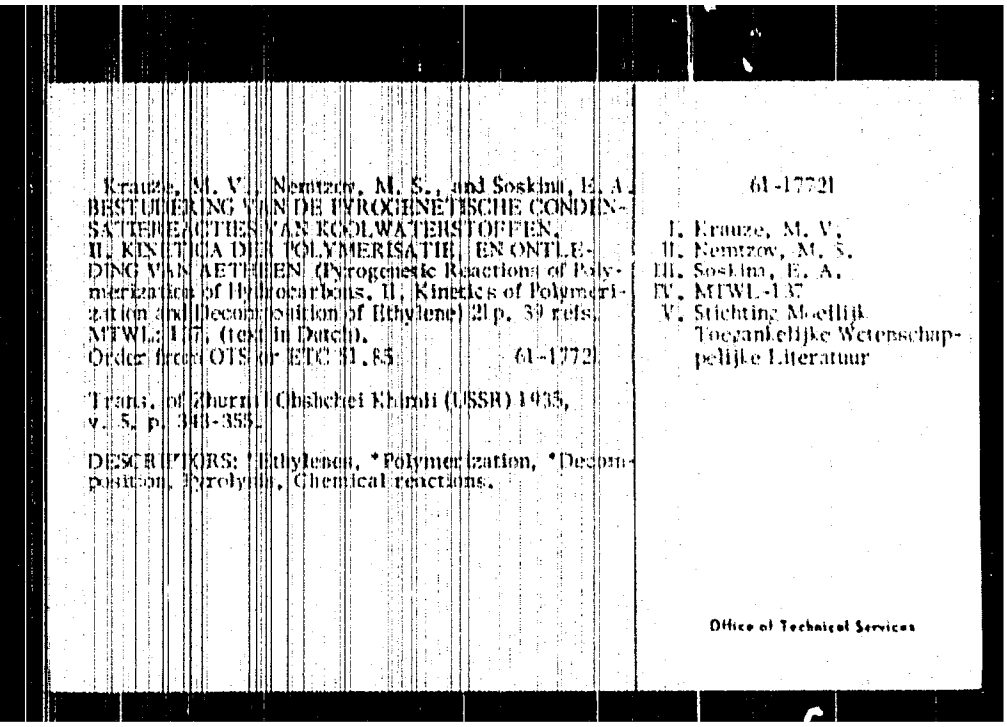
Sci

Aug 58

72,140

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5



Krauze, M. V., Nemtzow, M. S., and Soskin, E. A.
BESTUDEERING VAN DE PYROGENETISCHE CONDENSATIEREACTIES VAN KOOLWATERSTOFFEN.
II. KINETIEK DER POLYMERISATIE EN ONTLEDING VAN AETHEEN. (Pyrogenetic Reactions of Polymerization of Hydrocarbons. II. Kinetics of Polymerization and Decomposition of Ethylene) 21 p. 39 refs.
MTWL: 137. (text in Dutch).
Order from OTS or ETC $1.85 61-17721

Trans. of Zhurn. Obshchei Khimii (USSR) 1935, v. 5, p. 348-355.

DESCRIPTORS: *Ethylenes, *Polymerization, *Decomposition, Pyrolysis, Chemical reactions.

61-17721

I. Krauze, M. V.
II. Nemtzow, M. S.
III. Soskin, E. A.
IV. MTWL-137
V. Stichting Moeilijk Toegankelijke Wetenschappelijke Literatuur

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

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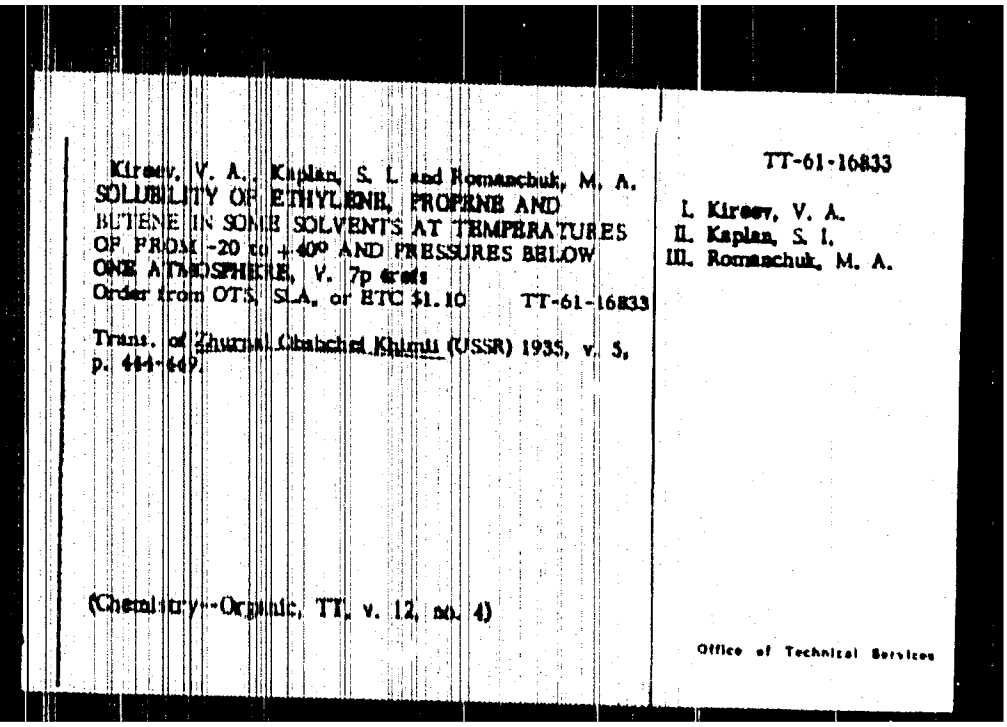

Kireev, V. A., Kaplan, S. I. and Romanchuk, M. A.
SOLUBILITY OF ETHYLENE, PROPENE AND BUTENE IN SOME SOLVENTS AT TEMPERATURES OF FROM -20 to +40° AND PRESSURES BELOW ONE ATMOSPHERE, V. 7p 4 refs
Order from OTS, S.A. or ETC $1.10 TT-61-16833

Trans. of Zhurnal Obshchei Khimii (USSR) 1935, v. 5, p. 444-449.

(Chemistry--Organic, TT, v. 12, no. 4)

TT-61-16833

I. Kireev, V. A.
II. Kaplan, S. I.
III. Romanchuk, M. A.

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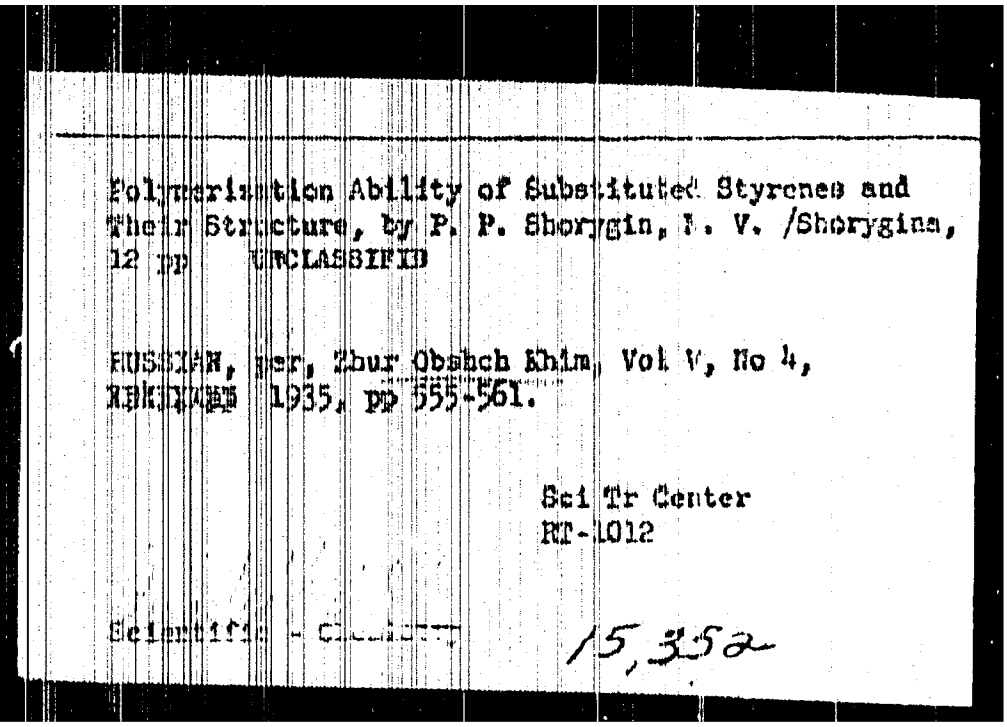
APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5



Polymerization Ability of Substituted Styrenes and Their Structure, by P. P. Shorygin, I. V. /Shorygina, 12 pp UNCLASSIFIED

RUSSIAN, Zhur Obshch Khim, Vol V, No 4, 1935, pp 555-561.

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

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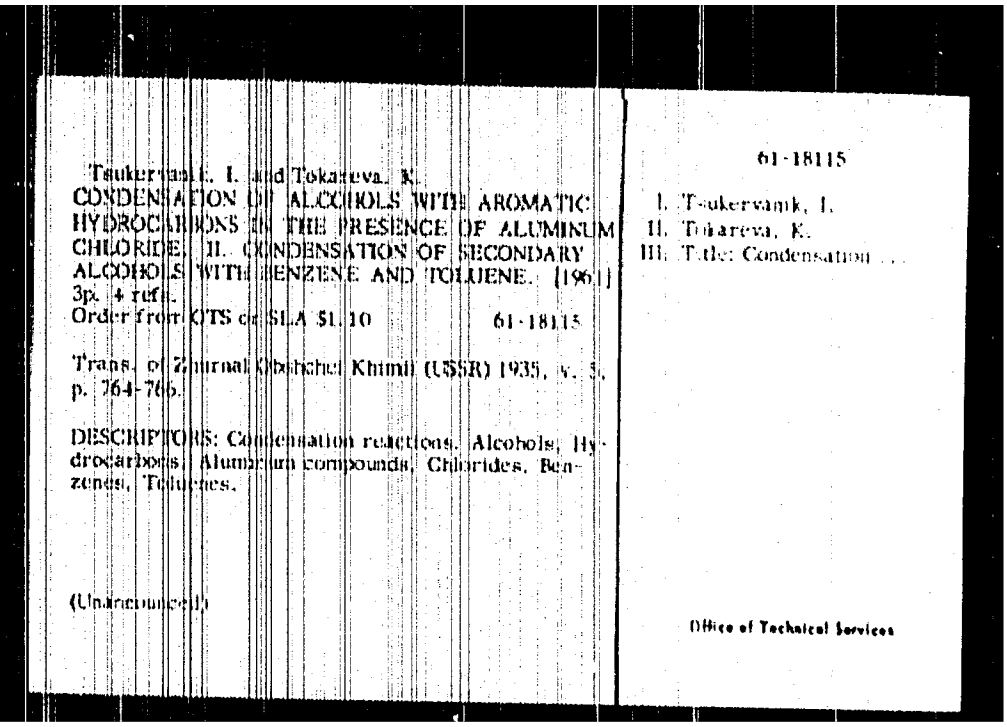


Tsukervanik, I. and Tokareva, K.
CONDENSATION OF ALCOHOLS WITH AROMATIC HYDROCARBONS IN THE PRESENCE OF ALUMINUM CHLORIDE. II. CONDENSATION OF SECONDARY ALCOHOLS WITH BENZENE AND TOLUENE. [1961] 3p. 4 refs.
Order from OTS or SLA $1.10 61-18115

Trans. of Zhurnal Obshchei Khimii (USSR) 1935, v. 5, p. 764-766.

DESCRIPTORS: Condensation reactions, Alcohols, Hydrocarbons, Aluminum compounds, Chlorides, Benzenes, Toluenes.

(Unannounced)

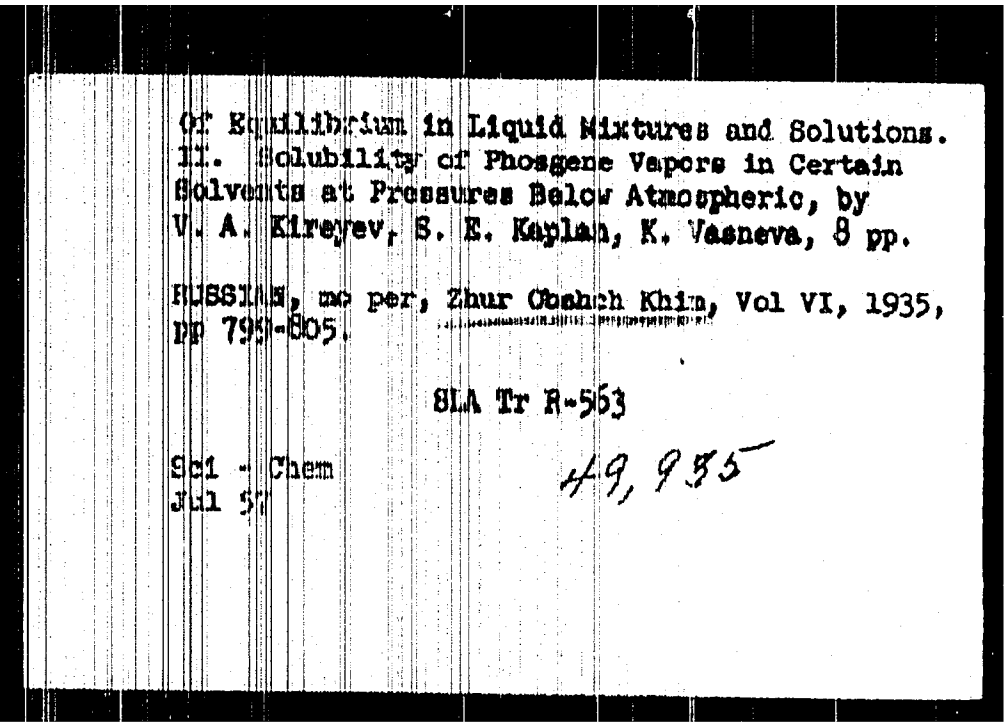
61-18115

I. Tsukervanik, I.
II. Tokareva, K.
III. Title: Condensation . . .

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5



Of Equilibrium in Liquid Mixtures and Solutions. II. Solubility of Phosgene Vapors in Certain Solvents at Pressures Below Atmospheric, by V. A. Kireyev, S. E. Kaplan, K. Vasneva, 8 pp.

RUSSIAN, mo per, Zhur Obshch Khim, Vol VI, 1935, pp 795-805.

SLA Tr R-563

Sci - Chem
Jul 57

49, 955

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

TT-61-16818

Moor, V. G., Strigaleva, N. V., and Shilyaeva, L. V.
KINETICS AND MECHANISM OF THERMAL CONVERSIONS OF UNSATURATED HYDROCARBONS: THERMAL POLYMERIZATION OF 1,3-BUTADIENE UNDER ATMOSPHERIC PRESSURE. [1961] 12p 15refs
Order from OTS, U.S.A., or BTC $1.60 TT-61-16818

I. Moor, V. G.
II. Strigaleva, N. V.
III. Shilyaeva, L. V.
IV. Title: Thermal...

Trans. of Zhurnal Obshchei Khimii (USSR) 1935, v. 5, p. 818-829.

DESCRIPTORS: *Butadienes, Polymerization, Reaction kinetics, *Hydrocarbons, Pyrolysis, Decomposition, Temperature.

(Chemistry--Organic, TT, v. 11, no. 3)

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

Tarasenkov, D. N., Grigorovich, A. N., and Iogoslovskaya, A. V.
ON METHODS OF MEASURING THE VAPOR PRESSURE OF METAL SALTS. [1963] [19]p. (figs. omitted) 2 refs.
Order from CTS or SLA $1.60 63-14305

Trans. of Zhurnal Obshchei Khimii (USSR) 1938, v. 8, p. 924-938.

DESCRIPTORS: *Vapor pressure, *Lead compounds, *Sulfides, *Chlorides, *Copper compounds, Metallic compounds, Salts, Measurement, Fluid flow, Statistical analysis, Boiling.

(Chemistry--Physical, TT, v. 10, no. 7)

63-14305

I. Tarasenkov, D. N.
II. Grigorovich, A. N.
III. Iogoslovskaya, A. V.

Office of Technical Services

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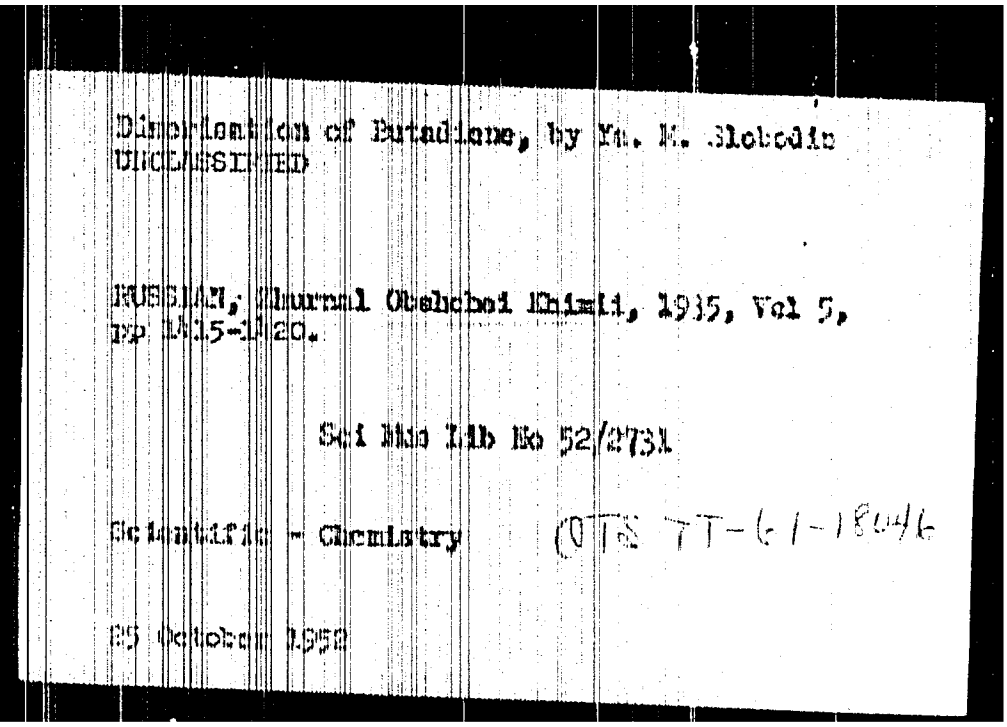

Dimerization of Butadiene, by Yu. K. Blokodin
UNCLASSIFIED

RUSSIAN, Zhurnal Obshchoi Khimii, 1935, Vol 5,
pp 1415-1420.

Sci Mis Lib No 52/2731

Scientific - Chemistry (OTS TT-61-18046

29 October 1952

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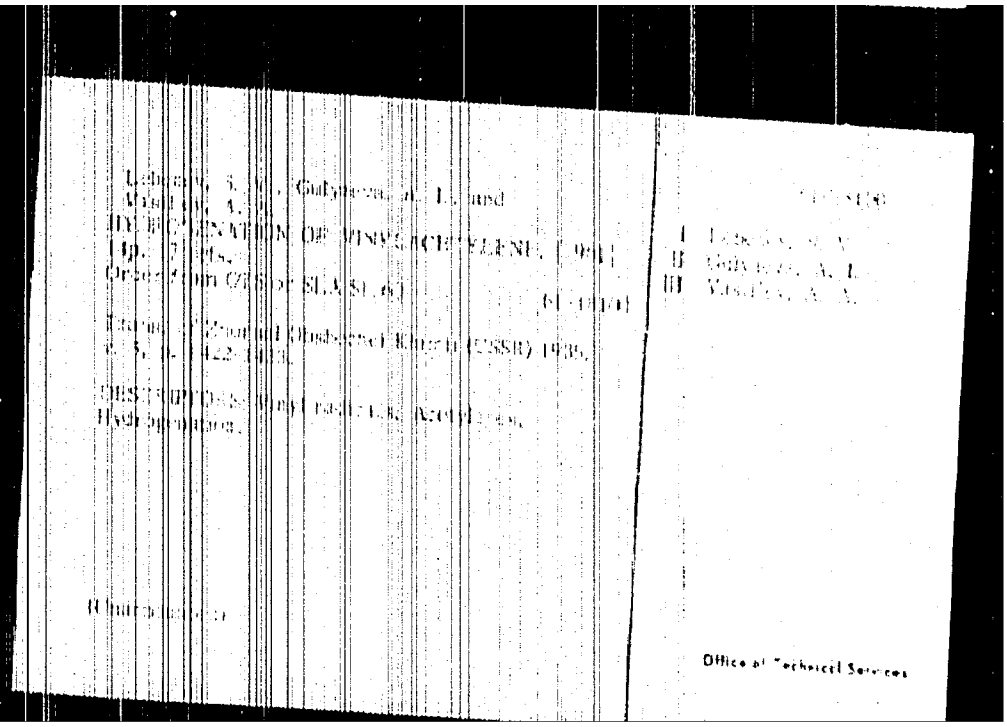
APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5



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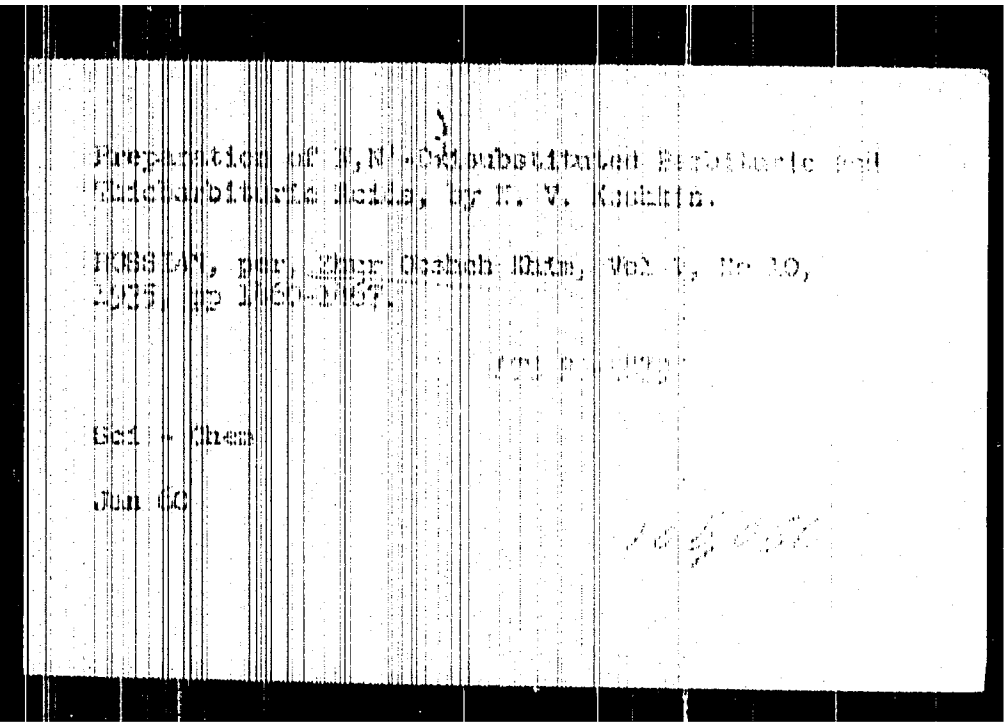

Preparation of N,N'-Disubstituted Ethylenic and Ethylenimine Ureas, by T. V. Kaukina.

USSR, pat, Zhur Obshch Khim, Vol 1, No 10, 1935, pp 1365-1367.

(RZhKhim, 1936)

Sci - Chem

Jun 60

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

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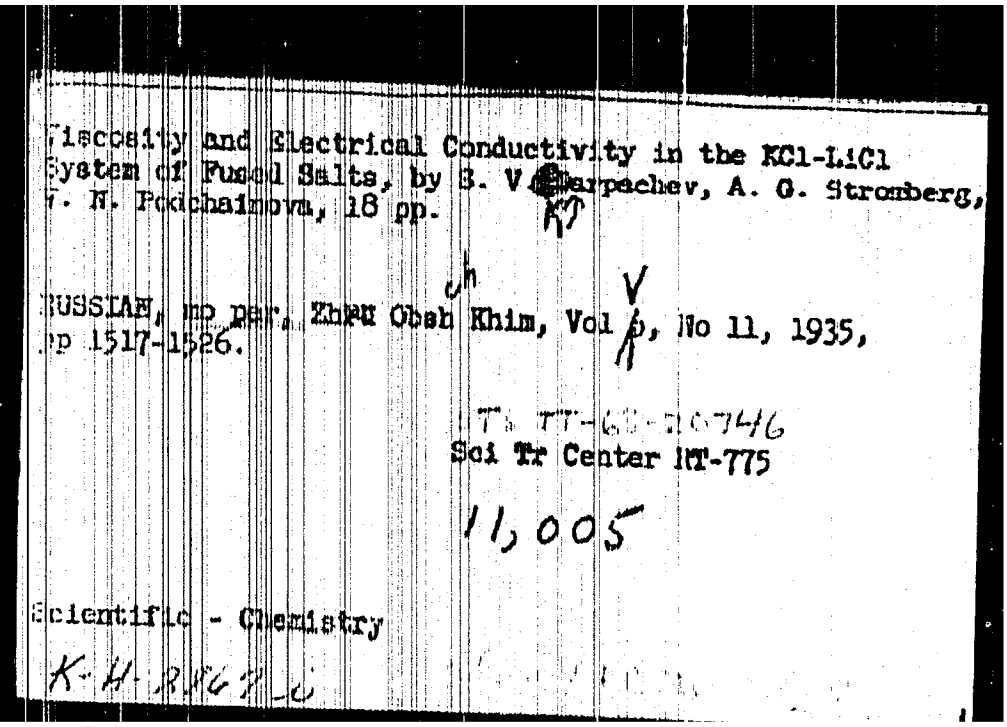

Viscosity and Electrical Conductivity in the KCl-LiCl System of Fused Salts, by B. V. Erpachev, A. G. Stromberg, T. N. Pokchalmova, 18 pp.

RUSSIAN, mp per. Zhur Obsh Khim, Vol 5, No 11, 1935, pp 1517-1526.

Sci Tr Center MT-775

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

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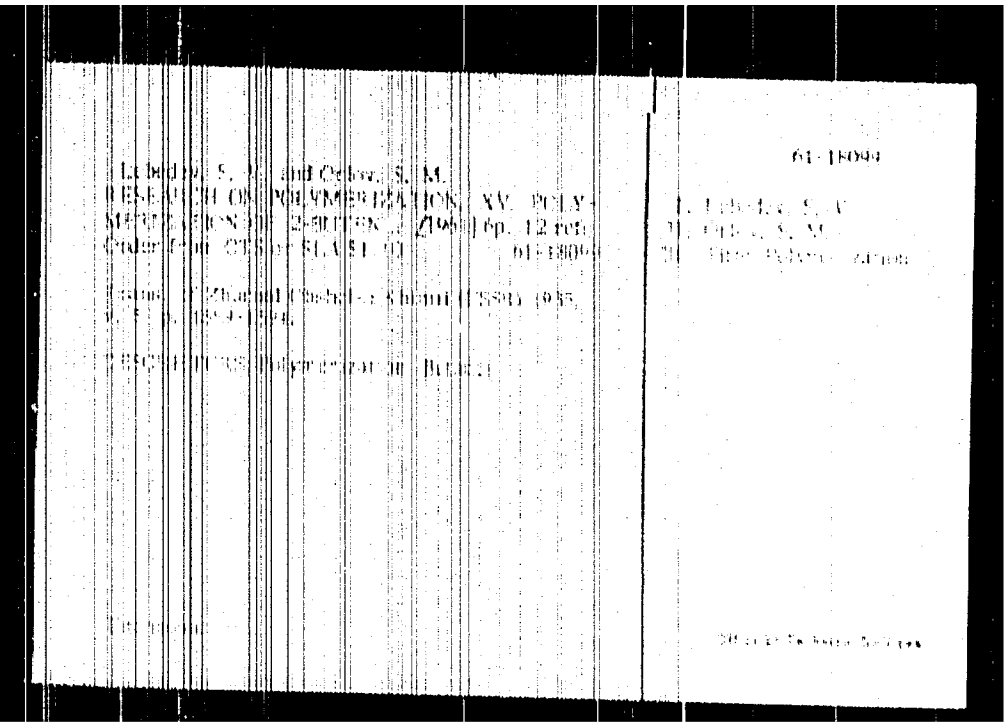

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

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Levedev, S. V. and Borgman, Yu. A.
RESEARCH ON POLYMERIZATION XIV. LOW TEMPERATURE POLYMERIZATION OF ISOBUTENE.
[1961] 11p. 10 refs.
Order from OTS or SLA $1.10 61-16616

Trans. of Zhurnal Obschchei Khimii (USSR) 1935, v. 5, p. 1595-1606.

DESCRIPTORS: *Butenes, *Polymerization, Polymers, Temperature.

(Unclassified)

61-16616

I. Levedev, S. V.
II. Borgman, Yu. A.
III. Title: Low ...

184031

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

Conditions Influencing Condensation of Acetone Molecules, by F. P. Sarmin, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol V, No 12, 1935, pp 1539-1544.

SLA 59-10783

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

Gorin, Yu. A. and Neimark, O. M.
MECHANISM OF CONTACT CONVERSION OF ALCOHOLS TO DIOLEFIN HYDROCARBONS BY THE METHOD OF S. V. LEBEDEV. I. CATALYTIC CONVERSION OF PRIMARY PROPYL ALCOHOL TO DIOLEFINS. 9p Illegible
Order from OTS, S.L.A., or ETC $1.10 TT-61-16610

Trans. of Zhurnal Obshchei Khimii (USSR) 1935, v. 5, p. 1772-1780.

(Chemistry--Organic, TT, v. 12, no. 4)

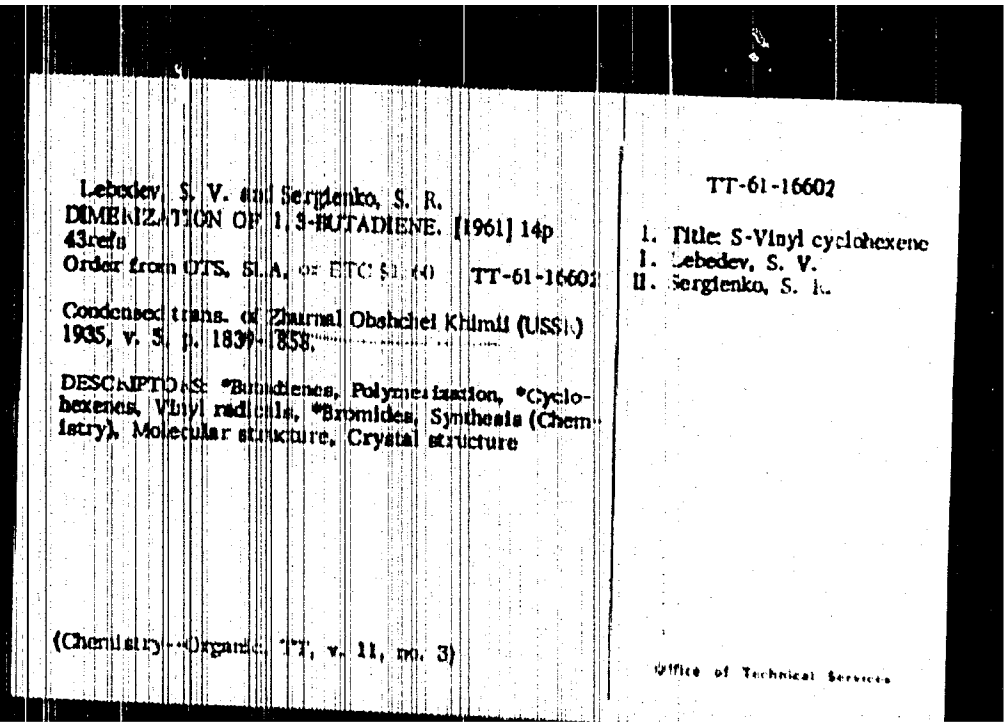
TT-61-16610

I. Gorin, Yu. A.
II. Neimark, O. M.
III. Title: Catalytic ...

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5



Lebedev, S. V. and Sergienko, S. R.
DIMERIZATION OF 1,3-BUTADIENE. [1961] 14p
43refs
Order from OTS, $1.75 or ITC $1.00 TT-61-16602

Condensed trans. of Zhurnal Obshchiel Khimii (USSR)
1935, v. 5, p. 1839-1858.

DESCRIPTORS: *Butadienes, Polymerization, *Cyclohexenes, Vinyl radicals, *Bromides, Syntheses (Chemistry), Molecular structure, Crystal structure

(Chemistry--Organic, TT, v. 11, no. 3)

TT-61-16602

1. Title: 5-Vinyl cyclohexene
I. Lebedev, S. V.
II. Sergienko, S. R.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

Action of Some Silicates on Hydrocarbons Containing a Tertiary Butyl Radical in Their Molecule, by S.V. Lebedev, N.A. Rudryavtsev. 6 pp.
RUSSIAN, per, Zhurnal Obshchei Khimii, Vol 5, 1935, pp 1859-1865.
SLA TT-61-18045

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Jul 66

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

Dimses, A. I. and Zherko, A. V.
KINETICS AND MECHANISM OF DECOMPOSITION OF HYDROCARBONS. III. DEPENDENCE OF THE DECOMPOSITION VELOCITY OF NORMAL HEXANE AND NORMAL OCTANE UPON THE EXTENT OF THE REACTION. 9p 17refs
Order from OTS, SIA, or ETC $1.10 TT-61-16679

Trans. of Zhurnal Obshchei Khimii (USSR) 1936, v. 6 [no. 1] p. 68-74.

(Chemistry--Organic, TT, v. 12, no. 4)

TT-61-16679

I. Dimses, A. I.
II. Zherko, A. V.
III. Title: Dependence ...

Office of Technical Services

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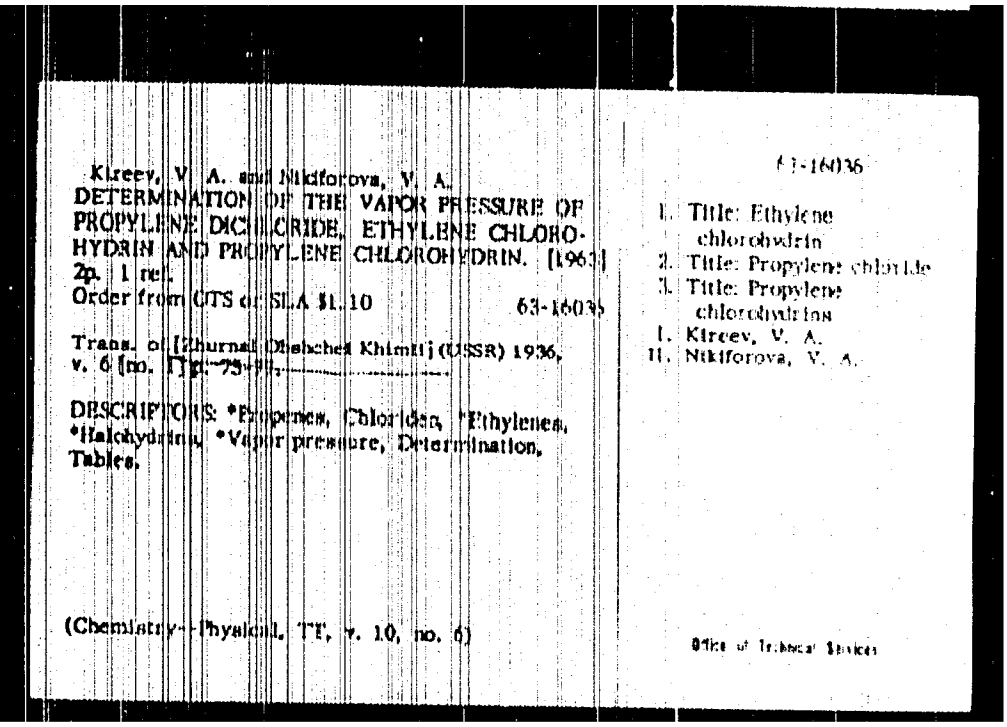

Kireev, V. A. and Nikiforova, V. A.
DETERMINATION OF THE VAPOR PRESSURE OF PROPYLENE DICHLORIDE, ETHYLENE CHLOROHYDRIN AND PROPYLENE CHLOROHYDRIN. [1963]
2p. 1 ref.
Order from CTS at SLA $1.10 63-16036

Trans. of [Zhurnal Obshchei Khimii (USSR) 1936, v. 6 [no. ?]: 75-9[illegible]

DESCRIPTORS: *Propenes, Chlorides, *Ethylenes, *Halohydrins, *Vapor pressure, Determination, Tables.

(Chemistry--Physical, TT, v. 10, no. 6)

63-16036

1. Title: Ethylene chlorohydrin
2. Title: Propylene chloride
3. Title: Propylene chlorohydrins
I. Kireev, V. A.
II. Nikiforova, V. A.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

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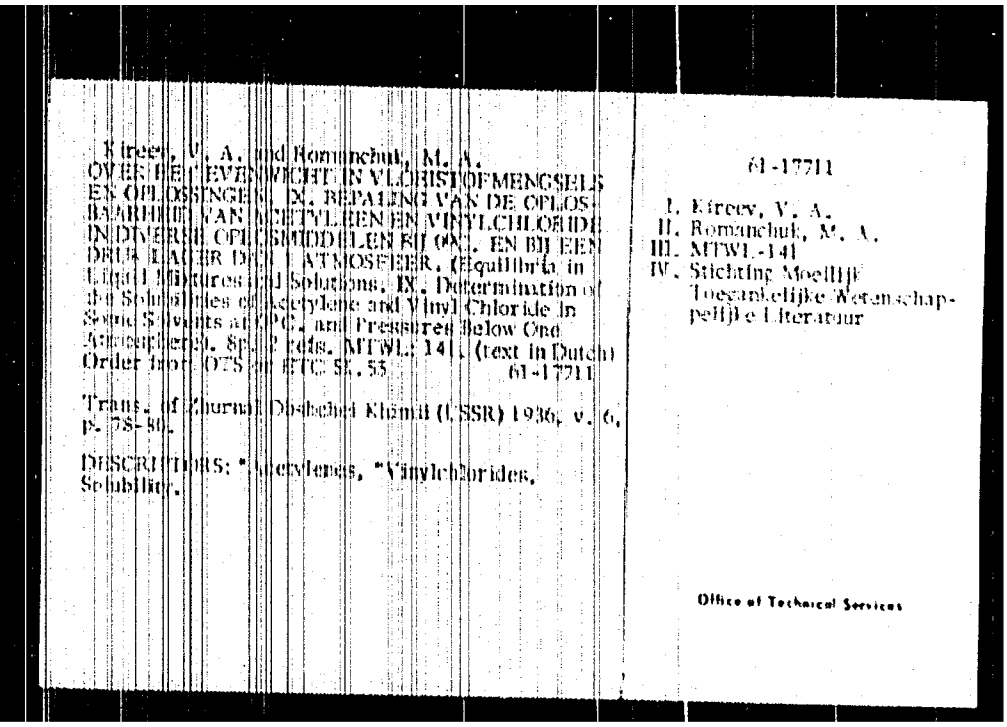

Kireev, V. A. and Romanchuk, M. A.
OVER HET EVENWICHT IN VLOEISTOF/MENGSELS EN OPLOSSINGEN. IX. BEPALING VAN DE OPLOSBAARHEID VAN ACETYLEEN EN VINYLCHLORIDE IN/DIVERSE OPLOSMIDDELEN BIJ 0°C. EN BIJ EEN DRUK LAGER DAN 1 ATMOSFEER. (Equilibria in Liquid Mixtures and Solutions. IX. Determination of the Solubilities of Acetylene and Vinyl Chloride in Some Solvents at 0°C. and Pressures Below One Atmosphere) 50. Sp. 2 refs. MTWL: 141. (text in Dutch)
Order from: OTS for $FTC $2.55 61-17711

Trans. of Zhurnal Obshchei Khimii (USSR) 1936, v. 6, p. 78-80.

DESCRIPTORS: *Acetylenes, *Vinylchlorides, Solubility.

61-17711

I. Kireev, V. A.
II. Romanchuk, M. A.
III. MTWL-141
IV. Stichting Moeilijk Toegankelijke Wetenschappelijke Literatuur

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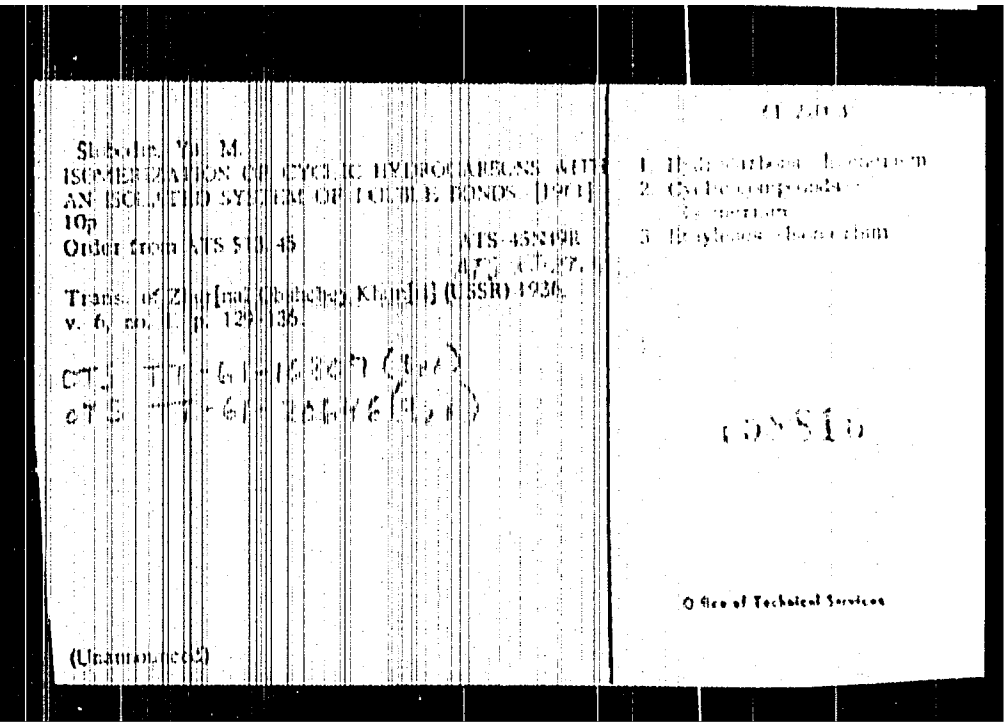

Slobodin, Yu. M.
ISOMERIZATION OF CYCLIC HYDROCARBONS WITH AN ISOLATED SYSTEM OF DOUBLE BONDS [1961]
10p
Order from: OTS $1.0-46 OTS-45N19R
Trans. of Zhurnal Obshchei Khimii (USSR) 1936
v. 6, no. [illegible] p. 129-135

(Unannotated)

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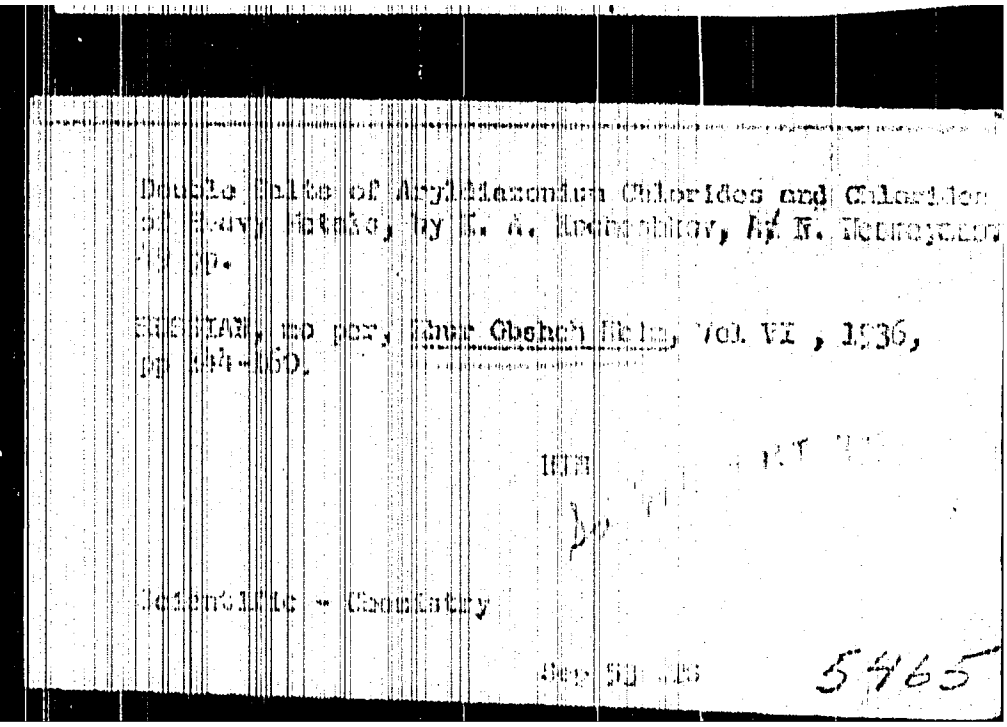

Double Salts of Arylthiazonium Chlorides and Chloroplatinic Acid, by E. A. Bunnett, M. F. Reinglass, 11 pp.

Rec'd 11/4/36, 2nd copy, Journ Chem Phys, Vol. VI, 1936, pp 694-696.

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5765

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

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Tsyurikh, L. G., Efremova, E. M., Bartashev, B. A. and Yappu, Yu. G.
VINYLACETYLENE AS A PRIMARY PRODUCT OF POLYMERIZATION OF ACETYLENE UNDER DIFFERENT CONDITIONS. [1961] 7p 10refs
Order from OTS, SLA, or ETC $1.10 TT-61-16812

Trans. of Zhurnal Obshchei Khimii (USSR) 1936, v. 6, p. 197-202.

DESCRIPTORS: *Acetylenes, *Polymerization, Vinyl radicals, Catalysts, Chemical reactions, Distillation.

(Engineering--Chemical, TT, v. 11, no. 3)

TT-61-16812

I. Tsyurikh, L. G.
II. Efremova, E. M.
III. Bartashev, B. A.
IV. Yappu, Yu. G.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

The Question of the Existence of the Complex $MnSO_4 \cdot KSO_2$ by I. I. Kashtanov, T. A. Gulyanskaya, 6 pr.

RUSSIAN, per, Zhur Obshchei Khim, Vm 1936, pp 227-231.

SIA R-2929

Sci

Jul 59

92, 341

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

The Action of Certain Dihaloid Hydrocarbon Derivatives on Ethyl Ester of Phosphorous Acid and on Salts of Diethyl Phosphorous Acid, by A. Ye. Arbuzov, N. P. Kushkova, 10 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol VI, No 2, 1936, pp 283-288.

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Scientific - Chemistry
CIA 2103043

Dec 53 CTB/DKX

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

Formation of Intermediate Compounds in the Oxidation of Sulfur Dioxide with Oxygen in the Presence of Catalysts and Catalyst Poisons, by L. I. Kakhtanov and V. F. Kuizhov, 10 pp.

RUSSIAN, per, Zhur Obshch Khim, vol VI, 1936, pp 549-554.

SLA K-2522

Sel

Aug 58

72,830

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

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Relation Between the Structure and Optical and Photographic Properties of Cyanine Dyes. II. Thiocyanines With Substituted Containing Sulphur, by A. I. Kiprianov, Z. P. [illegible] Sytnikov, L. D. Sych, 15 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol VI, No 4, 1936, pp 576-583.

Sci Trans Center
RT 2352

Scientific - Chemistry Sep 55 CTS/DEX

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

The Effect of Catalysts and of Anticatalysts on the Kinetics and Mechanism of the Oxidation of Sulfur Dioxide with Ozone, by L. I. Kashtanov, V. P. Rufanov, 35 pp.

RUSSIAN, per, Zhur Obshchei Khim, Vol VI, 1936, pp 732-74[illegible].

GLA/R-2523

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84; 870

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

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Kizhner, N. and Krasova, V.
COMPARATIVE STUDY OF XYLENE FROM PETROLEUM AND FROM COAL TAR. [1962] 11p. 6 refs.
Order from OTS at $1.00 62-14608

Trans. of Zhurnal Obshchei Khimii (USSR) 1936, v. 6, p. 748-750.

DESCRIPTORS: *Xylenes, *Petroleum, *Coal tar.

(Unannotated)

62-14608

I. Kizhner, N.
II. Krasova, V.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

Alkylation of Aniline in the Presence of Mixed Catalysts. XII. Catalytic Obtaining of Monomethyl- and Monoethylaniline, by M. I. Shaikin, M. M. Dubinin, A. P. Ermilina, 10 pp.

[illegible], per, Zhur Obshch Khim, Vol VI, No 5, 1936, pp 774-779.

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RT-1436

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Subject Tag - Chemistry

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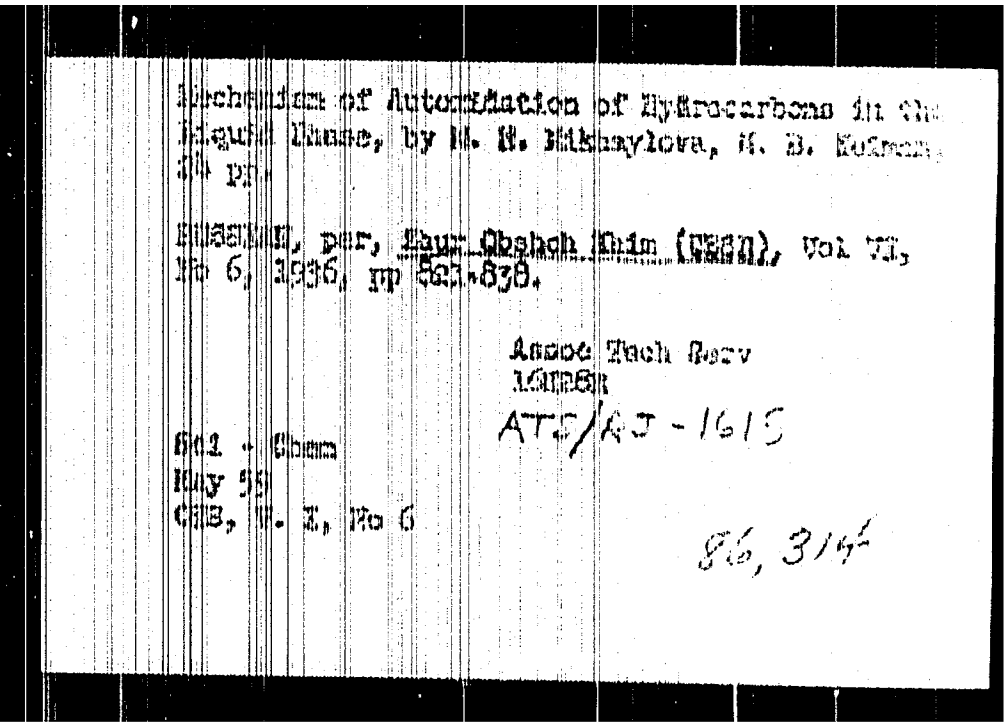

Mechanism of Autoxidation of Hydrocarbons in the Liquid Phase, by N. N. Mikhaylova, N. M. Emanuel, 34 pp.

Kinetika, per, Akad Nauk SSSR (Moscow), Vol VII, No 6, 1936, pp 831-838.

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Sci - Chem
May 56
CHS, W. I, No 6

56, 314

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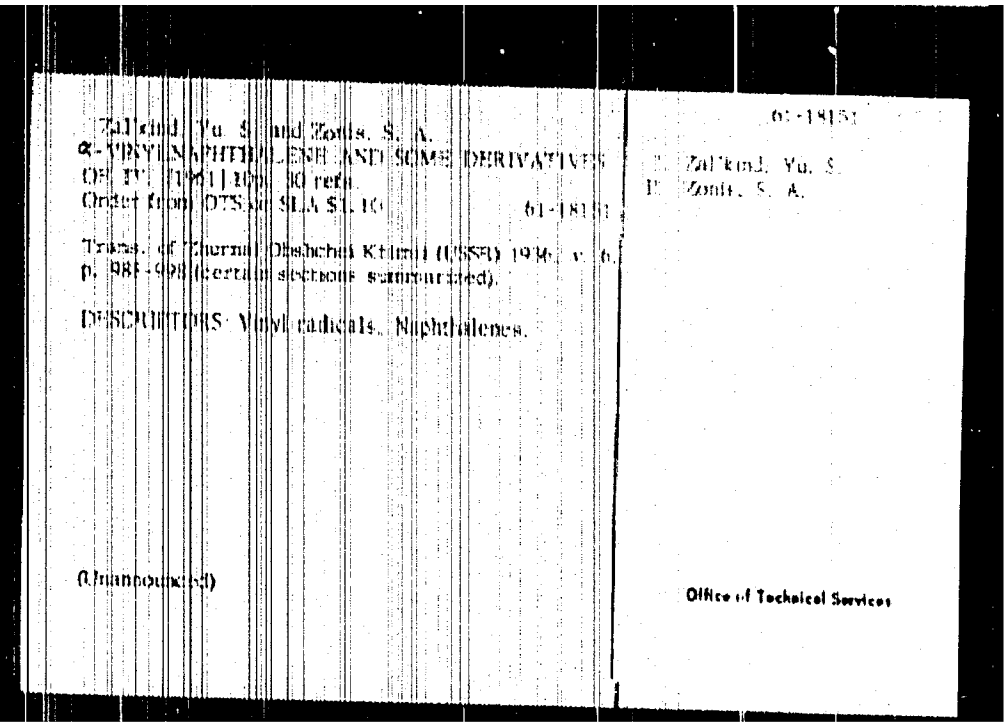

Zal'kind, Yu. S. and Zonis, S. A.
α-VINYLNAPHTHALENE AND SOME DERIVATIVES
OF IT. 1961 10p. 30 refs.
Order from: OTS $1.10 61-18151

Trans. of Zhurnal Obshchei Khimii (USSR) 1936 v. 6.
p. 988-998 (certain sections summarized).

DESCRIPTORS: Vinyl radicals, Naphthalenes.

(Unannounced)

61-18151

1. Zal'kind, Yu. S.
2. Zonis, S. A.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

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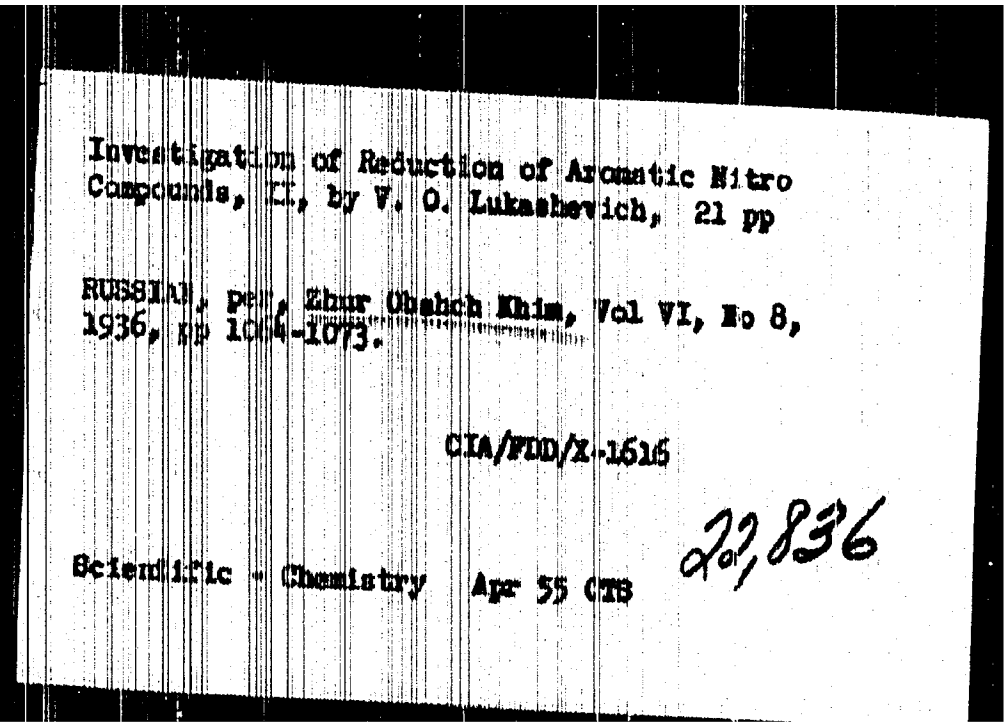

Investigation of Reduction of Aromatic Nitro Compounds, II, by V. O. Lukashevich, 21 pp

RUSSIAN, pe, Zhur Obshch Khim, Vol VI, No 8, 1936, pp 1064-1073.

CIA/FDD/X-1616

Scientific - Chemistry Apr 55 CTB

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

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Oxidation of Phosphorus in Mixtures with Wood Charcoal, by V. N. Ostrov, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol VI, 1936, pp 1096-1100.

SLA R-9813

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Jul 59

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

Formation of Intermediate Compounds in the Oxidation of Sulfur Dioxide Solutions with Ozone, by L. I. Kashtanov, I. N. Glushchuk, 6 pp.

RUSSIAN, per. Zhur Obshich Khim, Vol VI, 1936, pp 1112-1118.

GLA R 2928

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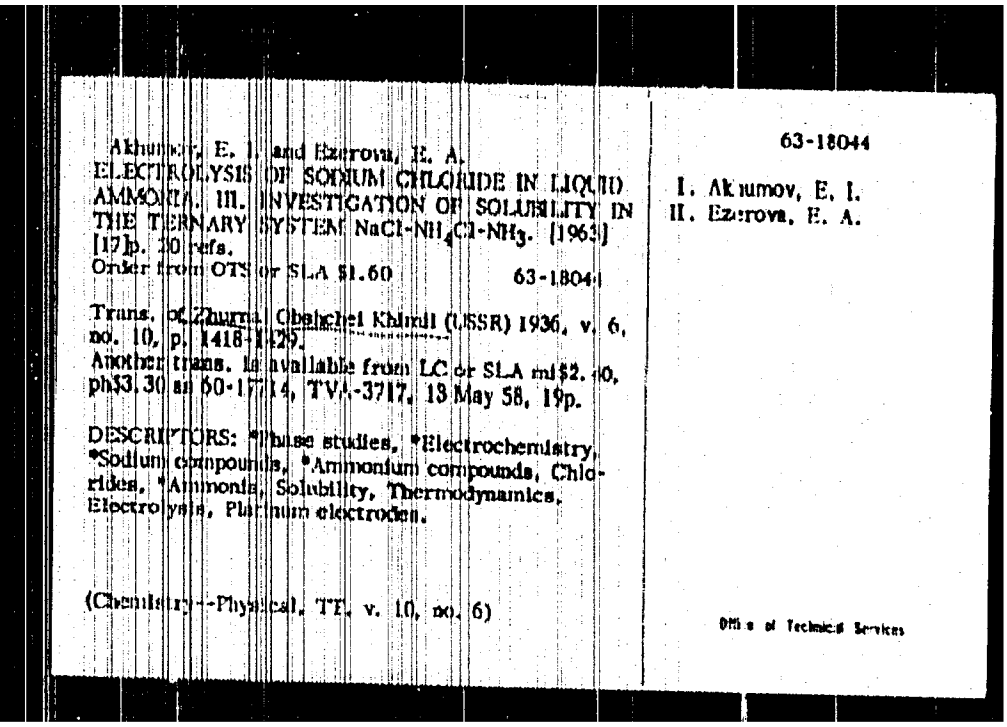

Akhumov, E. I. and Ezerova, E. A.
ELECTROLYSIS OF SODIUM CHLORIDE IN LIQUID AMMONIA. III. INVESTIGATION OF SOLUBILITY IN THE TERNARY SYSTEM $NaCl-NH_4Cl-NH_3$. [1963]
[17]p. 20 refs.
Order from OTS or SLA $1.60 63-18044

Trans. of Zhurn. Obshchei Khimii (USSR) 1936, v. 6, no. 10, p. 1418-1425.
Another trans. is available from LC or SLA ml$2.40, ph$3.30 as 60-17714, TVA-3717, 13 May 58, 19p.

DESCRIPTORS: *Phase studies, *Electrochemistry, *Sodium compounds, *Ammonium compounds, Chlorides, *Ammonia, Solubility, Thermodynamics, Electrolysis, Platinum electrodes.

(Chemistry--Physical, TT, v. 10, no. 6)

63-18044

I. Akhumov, E. I.
II. Ezerova, E. A.

Office of Technical Services

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Zhur Obshch Khim Vol 6, page 1430-2 (1936)

The So-Called Katz Effect. by I. Tananaev.

AEC Trans (avail. Brookhaven)

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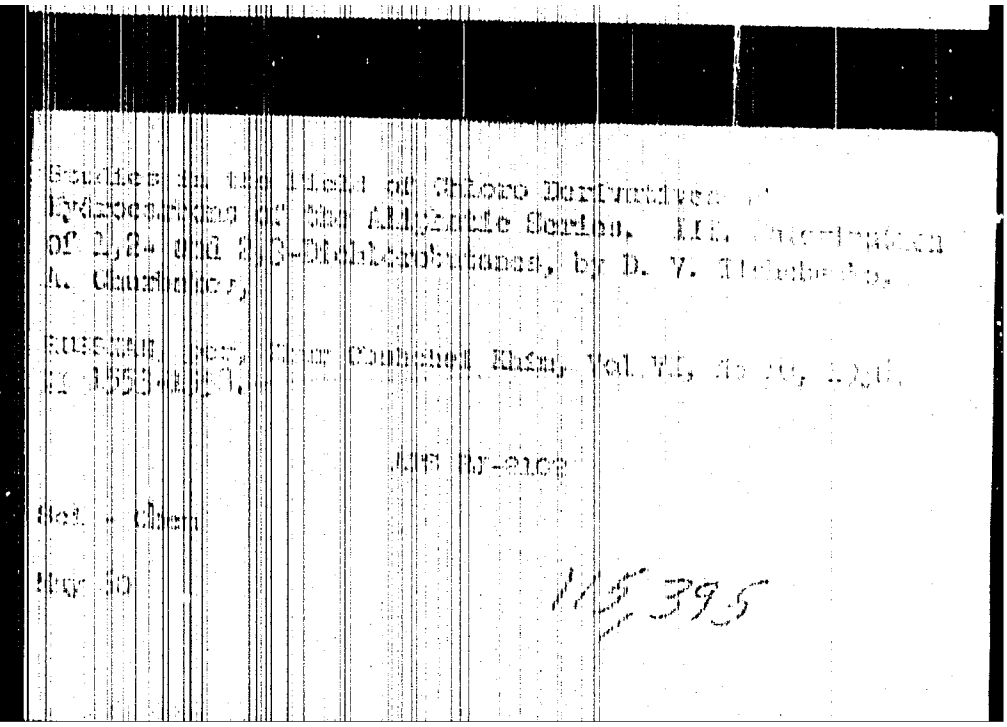

Studies in the Field of Chloro Derivatives.
Hydrogenation of the Allergenic Dermo. II. Preparation
of 2,4- and 2,5-Dichlorobutanes, by D. V. Nightingale,
M. Gaudreau,

Eurchem. Sci. Res Council Rept, Vol. VI, No 20, 1946.
(1553-1557).

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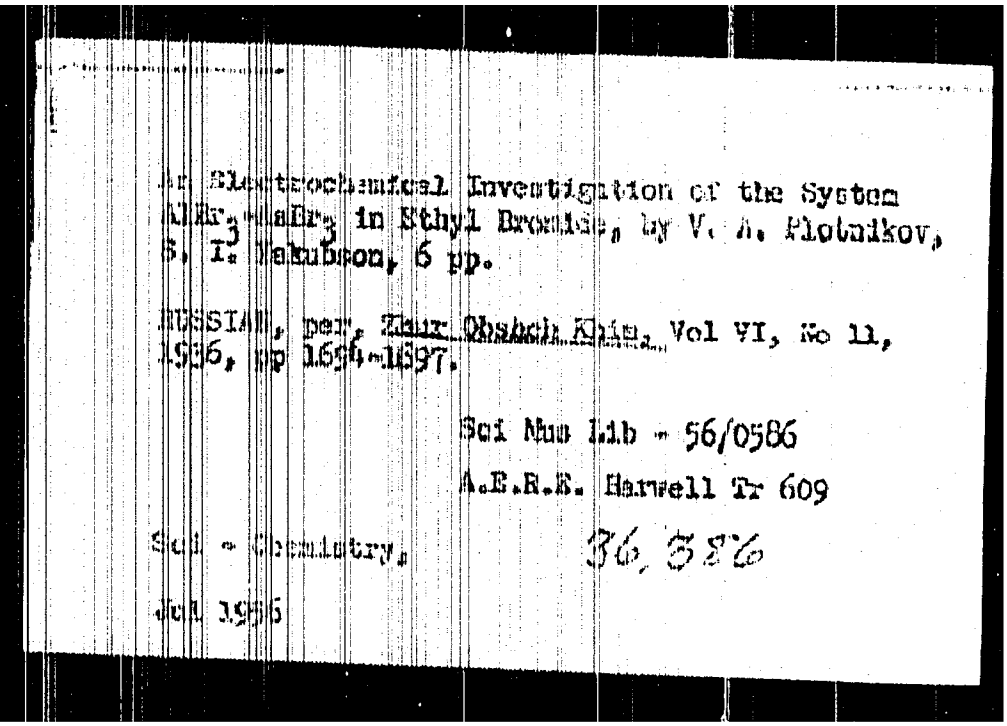

An Electrochemical Investigation of the System $AlBr_3$-$NaBr_3$ in Ethyl Bromide, by V. A. Plotnikov, S. I. Yakubson, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol VI, No 11, 1936, pp 1694-1697.

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Jul 1936

36, 382

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660070-5

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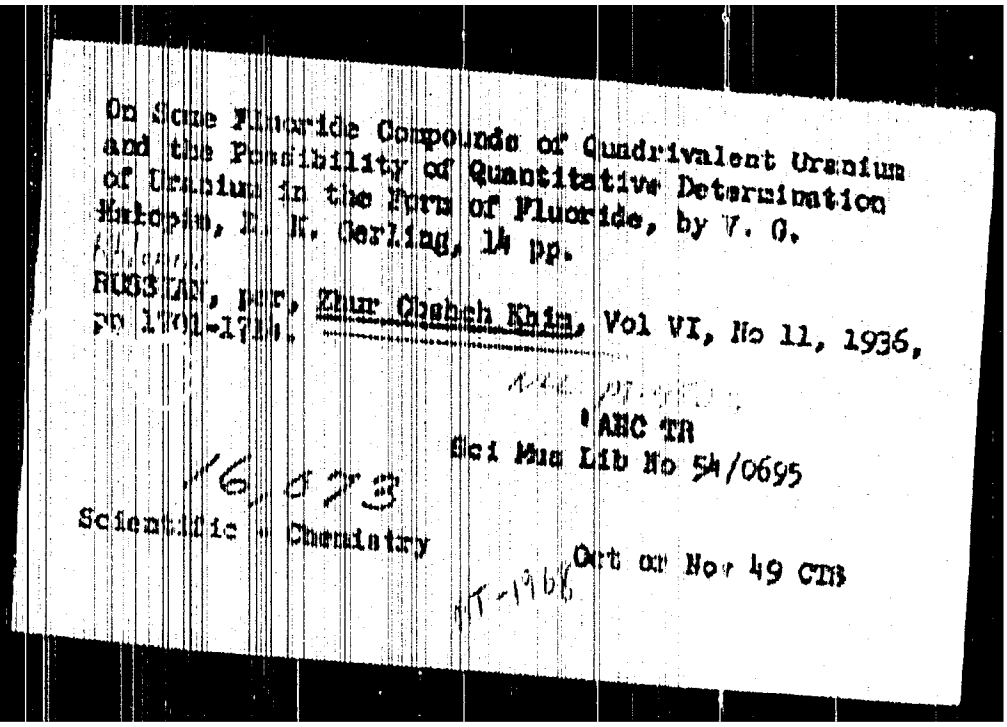

On Some Fluoride Compounds of Quadrivalent Uranium and the Possibility of Quantitative Determination of Uranium in the Form of Fluoride, by V. G. Khlopin, L. M. Gerling, 14 pp.

RUSS/AN, Ref, Zhur Obshch Khim, Vol VI, No 11, 1936, pp 1701-1714.

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Gutner, B. and Tishchenko, D.
RESEARCH ON ALIPHATIC HALOGEN DERIVATIVES. IV. CATALYTIC CONVERSION OF 2,3-DICHLORO-BUTANE IN THE PRESENCE OF STEAM. 8p 17 refs
Order from OTS, SLA, or ETC $1.10 TT-61-16626

Trans. of Zhurnal Obshchei Khimii (USSR) 1936, v. 6, p. 1729-1736.

(Chemistry--Organic, TT, v. 12, no. 4)

TT-61-16626

I. Gutner, B.
II. Tishchenko, D.
III. Title: Catalytic ...

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The Effect of Nitrogen Dioxide on Benzene, Toluene, and Chlorbenzene, I. Nitration With Nitrogen Dioxide in the Presence of Sulfuric And Phosphoric Acids, by A. I. Titov, A. N. Baryshnikova, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, No 6, 1936, pp 1801-1805.

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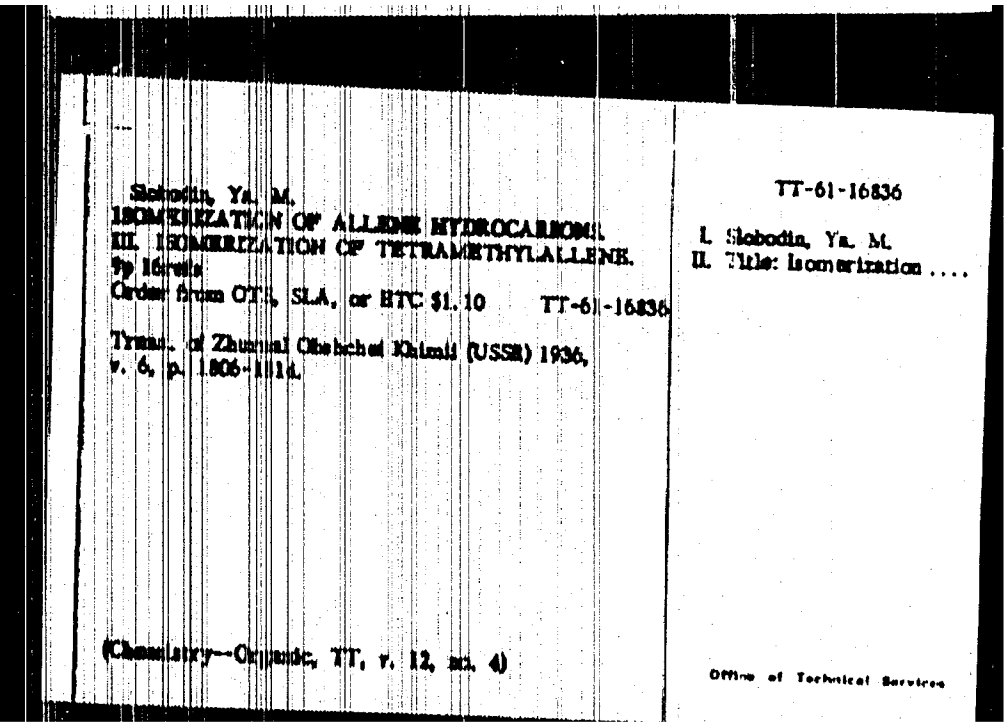

Slobodin, Ya. M.
ISOMERIZATION OF ALLENE HYDROCARBONS.
III. ISOMERIZATION OF TETRAMETHYLALLENE.
9p 16refs
Order from OTS, SLA, or HTC $1.10 TT-61-16836

Trans. of Zhurnal Obshchei Khimii (USSR) 1936,
v. 6, p. 1806-1811.

(Chemistry--Organic, TT, v. 12, no. 4)

TT-61-16836

I. Slobodin, Ya. M.
II. Title: Isomerization ....

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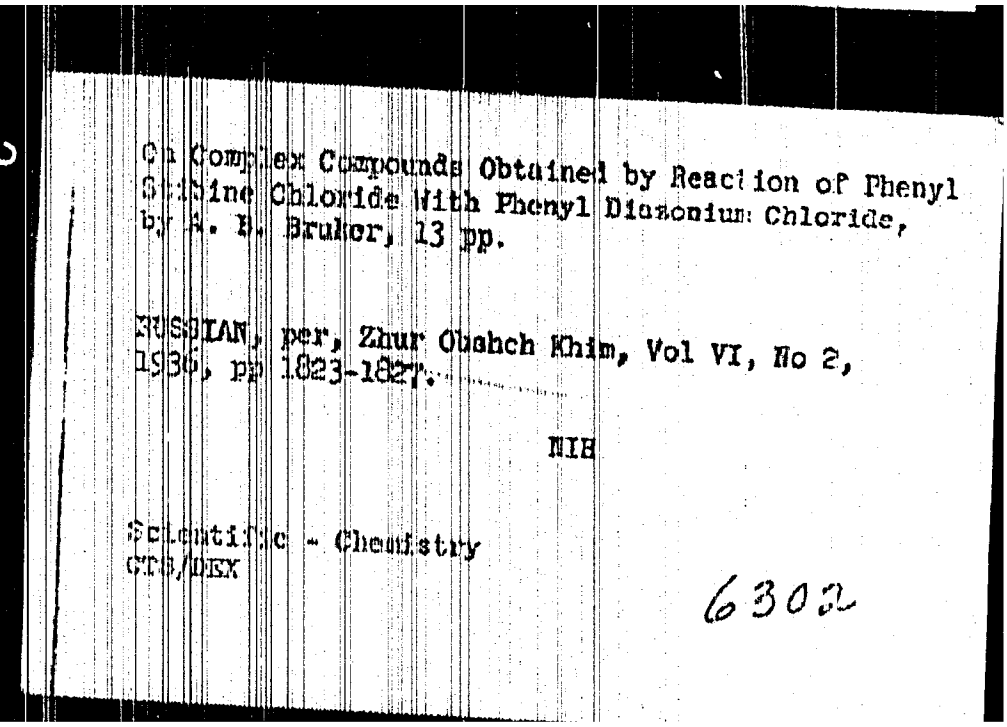

On Complex Compounds Obtained by Reaction of Phenyl Arsine Chloride With Phenyl Diazonium Chloride, by A. P. Bruker, 13 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol VI, No 2, 1936, pp 1823-1827.

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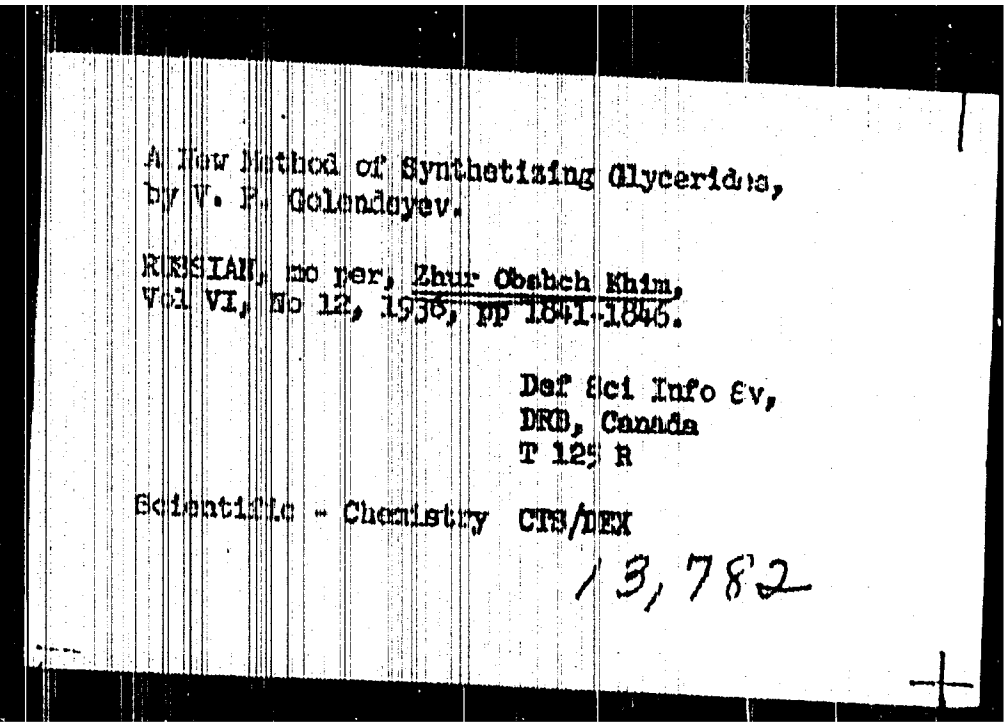

A New Method of Synthetizing Glycerides,
by V. P. Golubtsyev.

RUSSIAN, mo per, Zhur Obshch Khim,
Vol VI, No 12, 1936, pp 1841-1845.

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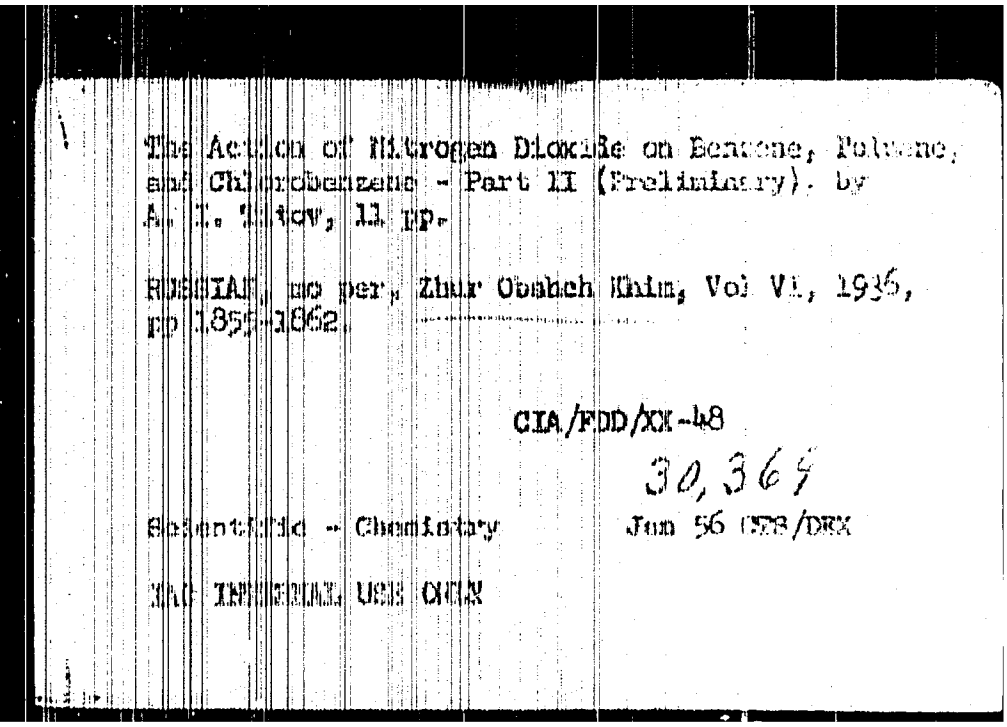

The Action of Nitrogen Dioxide on Benzene, Toluene, and Chlorobenzene - Part II (Preliminary). by A. I. Titov, 11 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol VI, 1936, pp 1855-1862.

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Slobodin, Ya. M.
ISOMERIZATION OF ALLENE HYDROCARBONS BY SILICATES. IV. EQUILIBRIUM IN THE SYSTEM ALLENE-ALLYLENE. [1961] 6p 16refs
Order from OTS, SLA, or HTC $1.10 TT-61-16811

Trans. of Zhurnal Obshchei Khimii (USSR) 1936, v. 6, p. 1892-1896.

See also 61-18131.

DESCRIPTORS: *Allenes, *Propynes, *Dienes, Acetylenes, Chemical equilibrium, Molecular isomerism, Polymerization, *Silicates

(Chemistry--Organic, TT, v. 11, no. 3)

TT-61-16811

I. Slobodin, Ya. M.
II. Title: Equilibrium...

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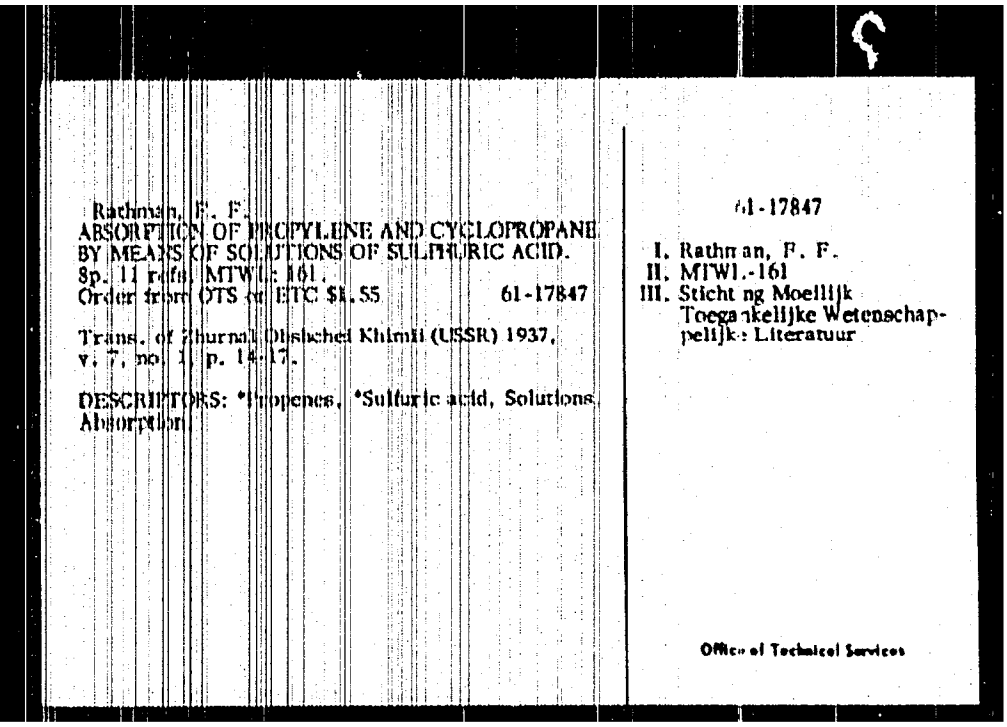

Rathman, F. F.
ABSORPTION OF PROPYLENE AND CYCLOPROPANE BY MEANS OF SOLUTIONS OF SULPHURIC ACID.
8p. 11 refs. MTWL-161.
Order from OTS or ETC $1.55 61-17847

Trans. of Zhurnal Obshchei Khimii (USSR) 1937, v. 7, no. 1, p. 14-17.

DESCRIPTORS: *Propenes, *Sulfuric acid, Solutions, Absorption

61-17847

I. Rathman, F. F.
II. MTWL-161
III. Sticht ng Moellijk Toegankelijke Wetenschappelijke Literatuur

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Kinetics of Solvation of Calcium Carbonate,
by V. M. Gortikov, L. I. Dontsovaya.

RUSSIAN, per, Zhur Obshch Khim, Vol VII,
No 1, 1937, pp 56-64.

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Zhur Obshch Khim Vol. 1, page 84-9 (1937)

The Structure of Hypophosphorous Acid.
by V. M. Pletz.

AEC Trans (avail. Brookhaven)

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